



SONIC LOG

Company MULL DRILLING COMPANY, INC.  
 Well #1-3 HALLER  
 Field WILDCAT  
 County CLARK  
 State KANSAS

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 Well #1-3 HALLER  
 Field WILDCAT  
 County CLARK  
 State KANSAS

Location: 1867' FSL & 1890' FVL  
 NE - SW - NE - SW  
 API #: 15-025-21605-0000  
 Permanent Datum GROUND LEVEL Elevation 2363  
 Log Measured From KELLY BUSHING 12' A.G.L.  
 Drilling Measured From KELLY BUSHING  
 SEC 3 TWP 30S RGE 21W  
 Other Services CDL/CNL/PE DIL/MEL  
 Elevation K.B. 2375 D.F. 2373 G.L. 2363

Date	12/17/18
Run Number	TWO
Depth Driller	6220
Depth Logger	6219
Bottom Logged Interval	6211
Top Log Interval	600
Casing Driller	8 5/8"@606'
Casing Logger	606
Bit Size	7 7/8"
Type Fluid in Hole	CHEMICAL MUD
Density / Viscosity	9.2/59
pH / Fluid Loss	11.0/6.8
Source of Sample	FLOWLINE
Rim @ Meas. Temp	.600@80F
Rmf @ Meas. Temp	.450@80F
Rmc @ Meas. Temp	.720@80F
Source of Rmf / Rmc	MEASUREMENT
Rim @ BHT	.253@136F
Time Circulation Stopped	5.5 HOURS
Time Logger on Bottom	5:00 P.M.
Maximum Recorded Temperature	136F
Equipment Number	922339
Location	HAYS, KANSAS
Recorded By	JEFF LUEBBERS
Witnessed By	KEVIN KESSLER

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All interpretations are opinions based on inferences from electrical or other measurements and we cannot and do not guarantee the accuracy or correctness of any interpretation, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages, or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to our general terms and conditions set out in our current Price Schedule.

Comments

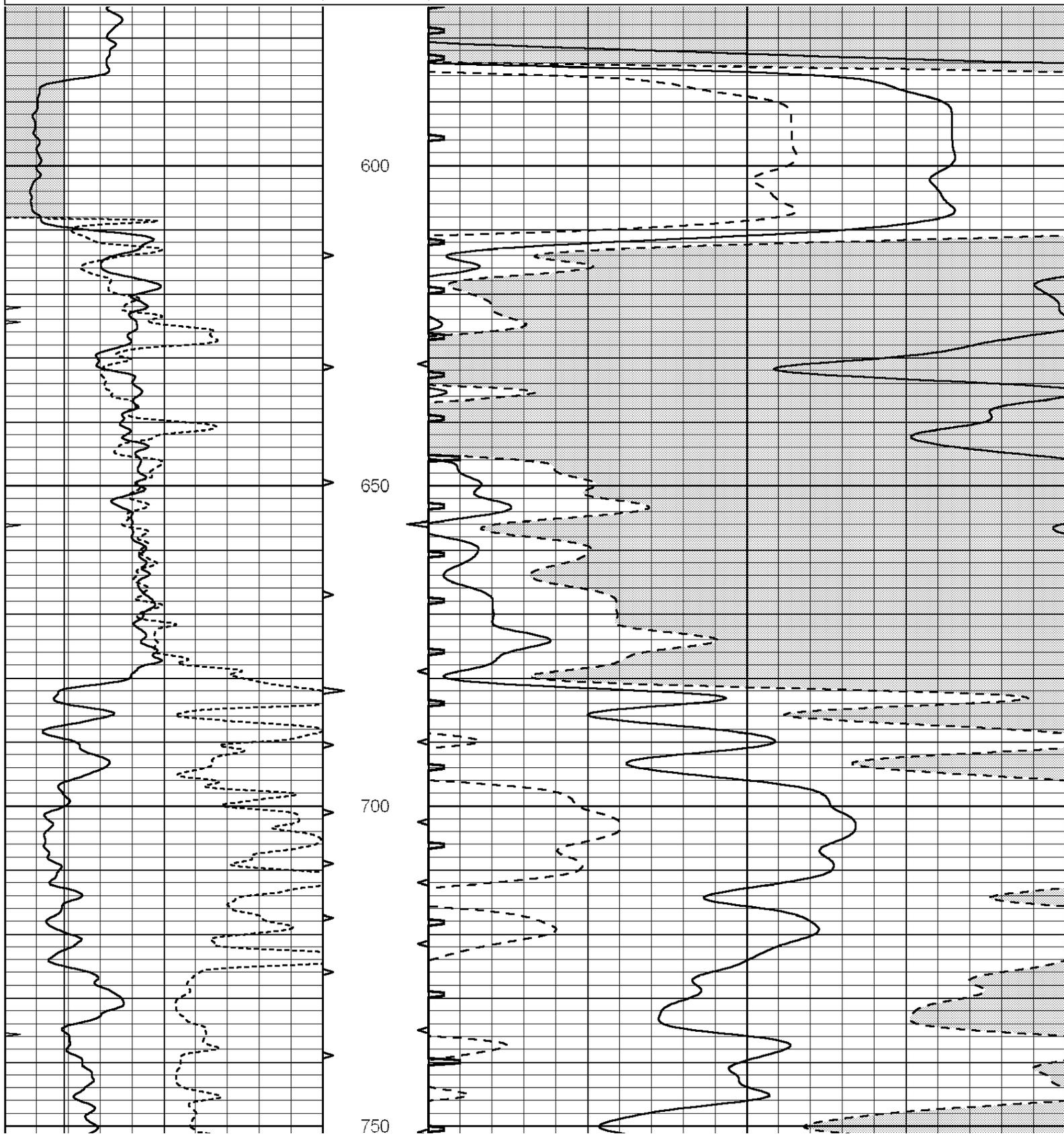
THANK YOU FOR USING ELI WIRELINE HAYS, KANSAS (785) 628-6395  
 DIRECTIONS  
 BUCKLIN, KS.,7S. ON HWY 34 TO "RD. B", 1 1/4E., N. INTO

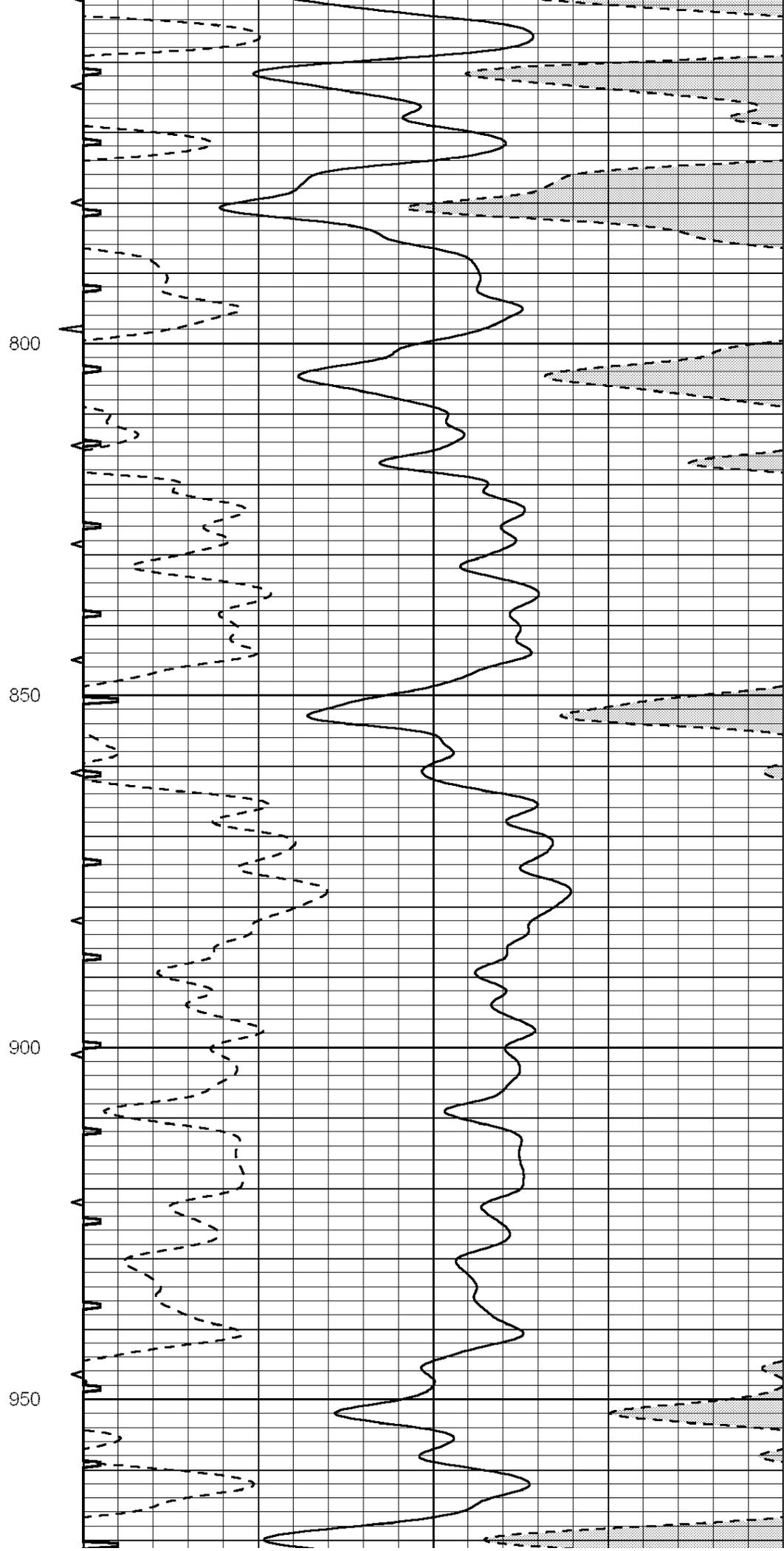
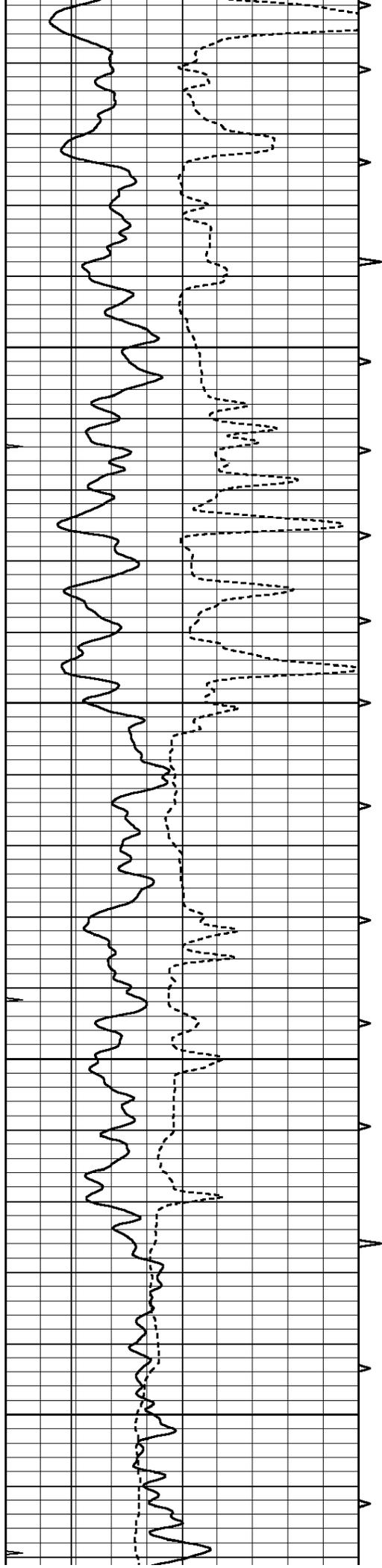


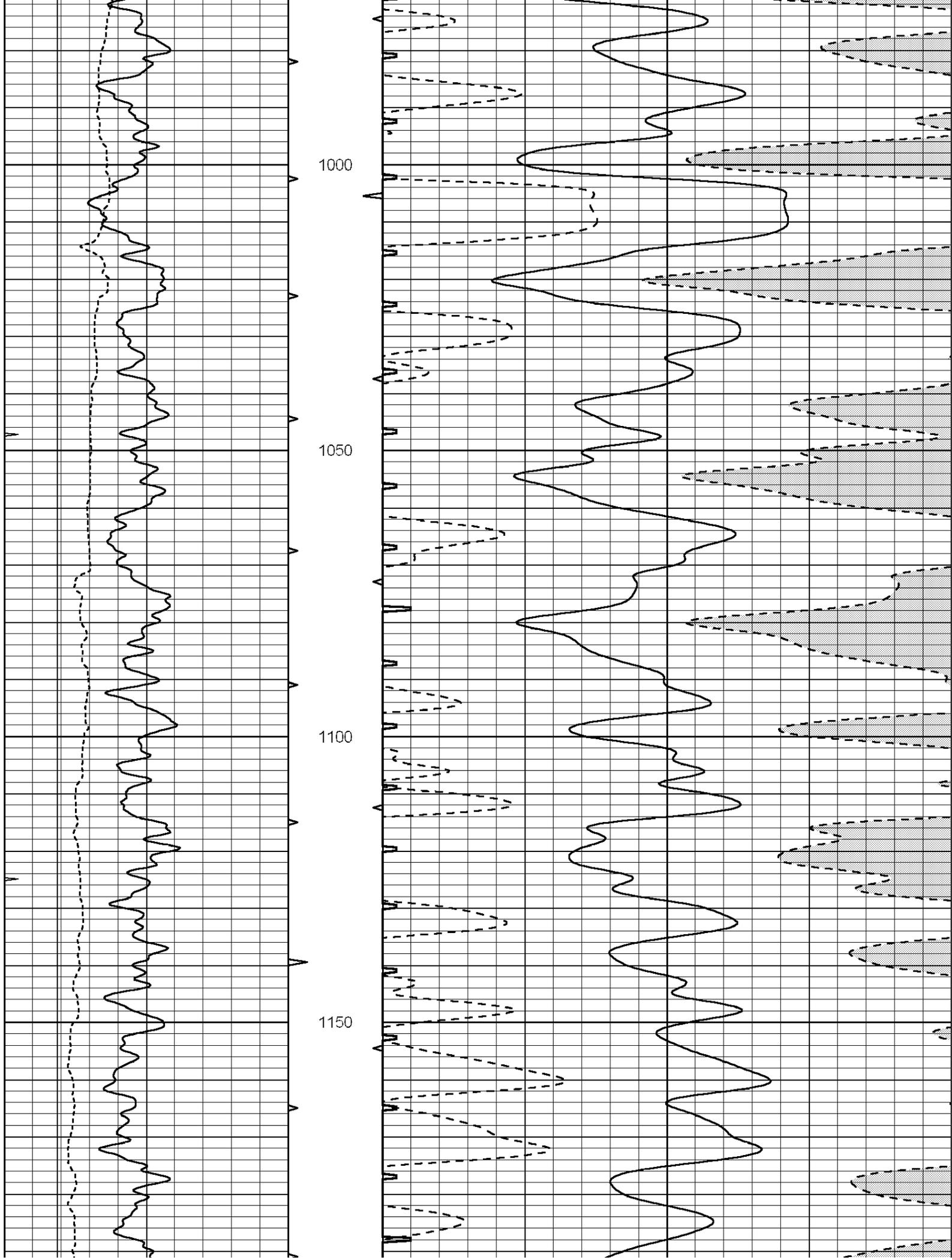
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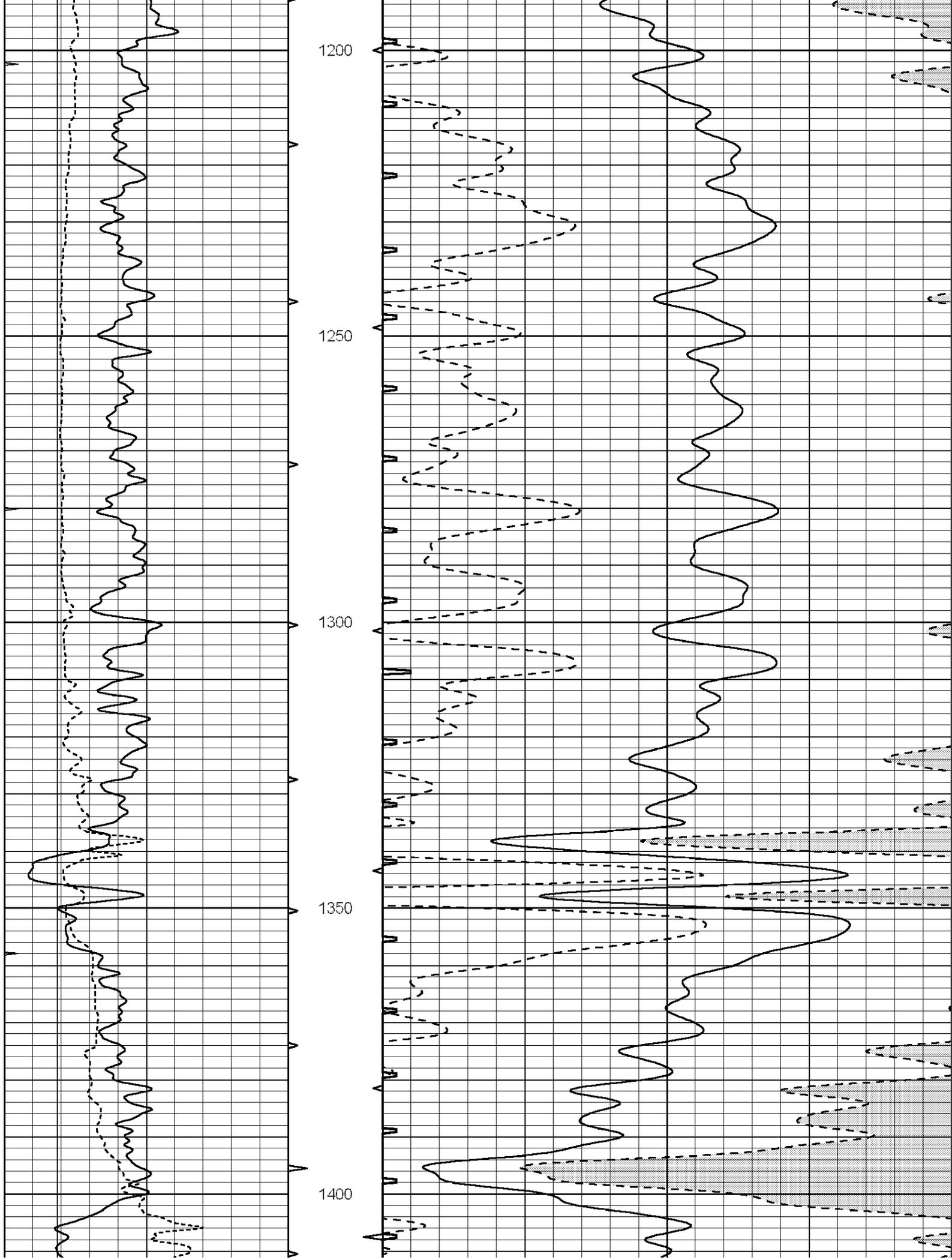
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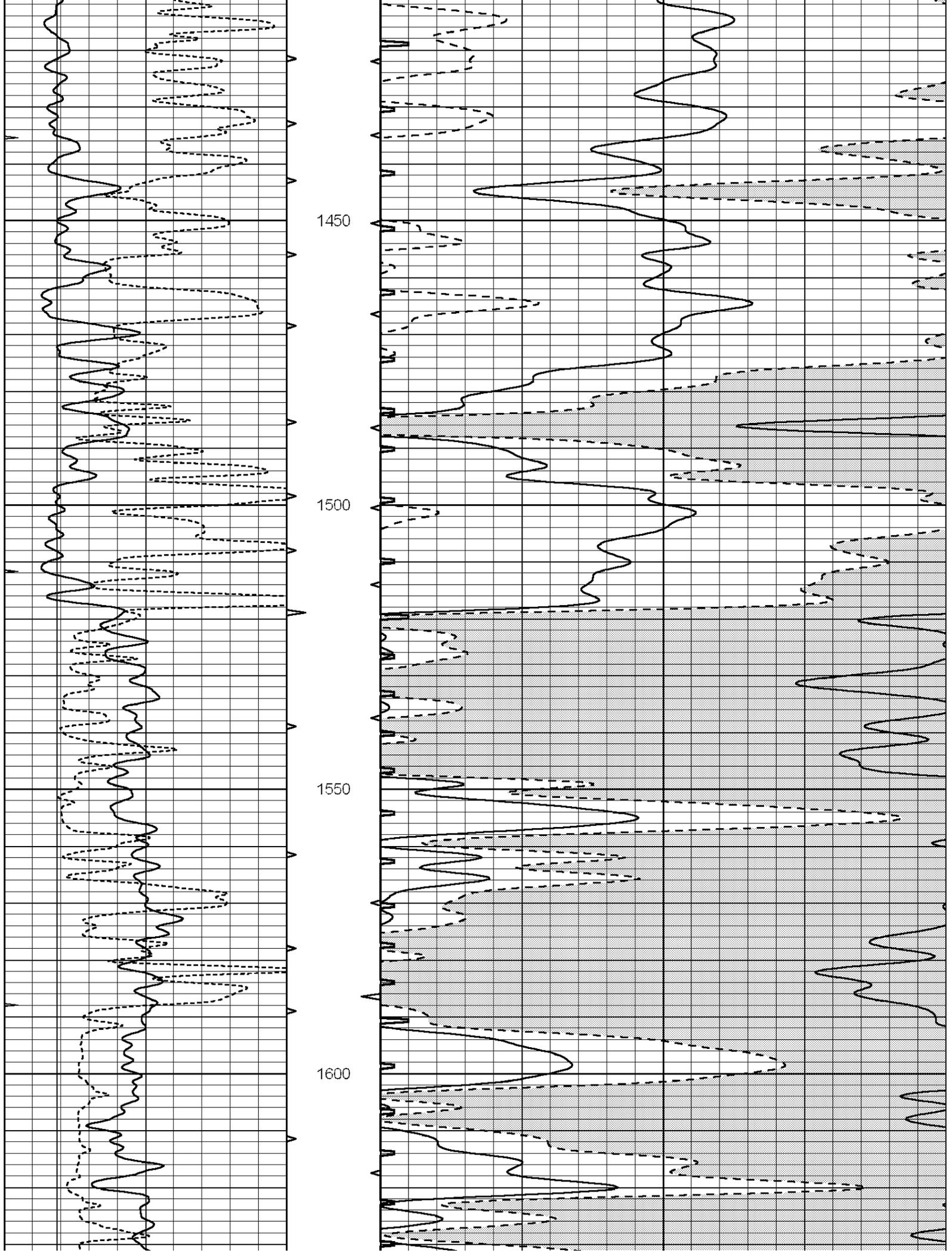
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6	CALIPER (in)	16	10 (ft3)	0	30	SONIC POROSITY (pu)
0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3)	10		

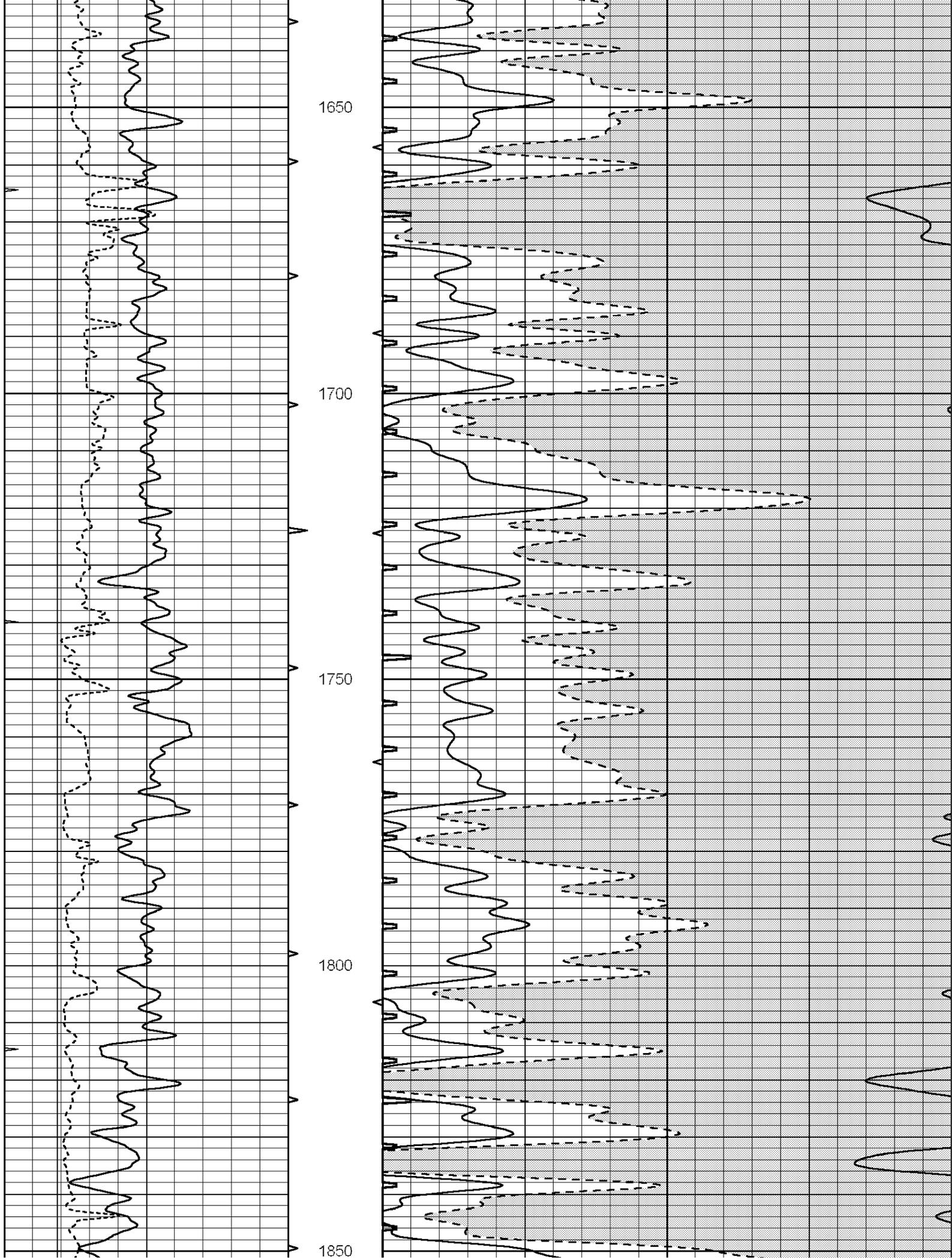


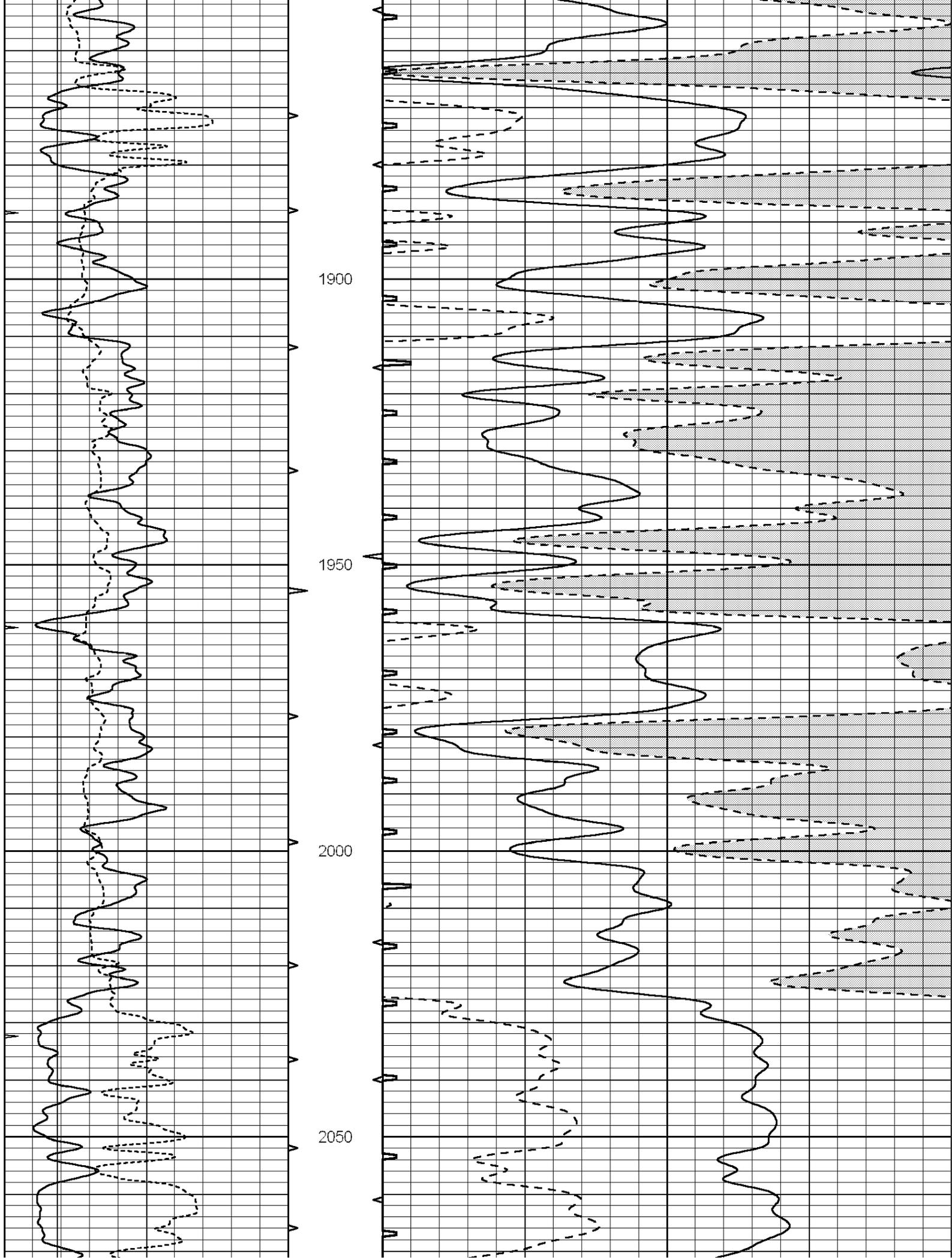


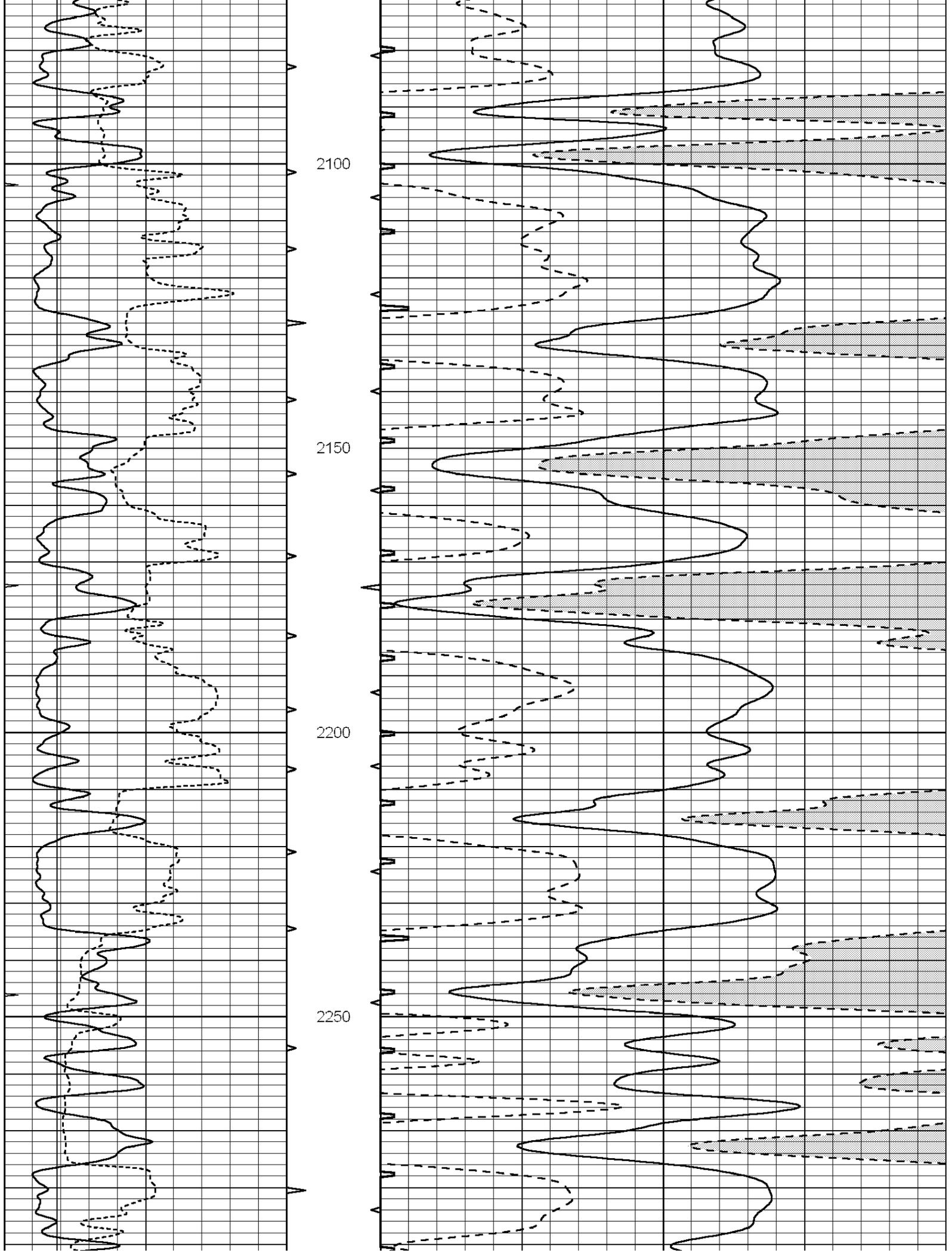


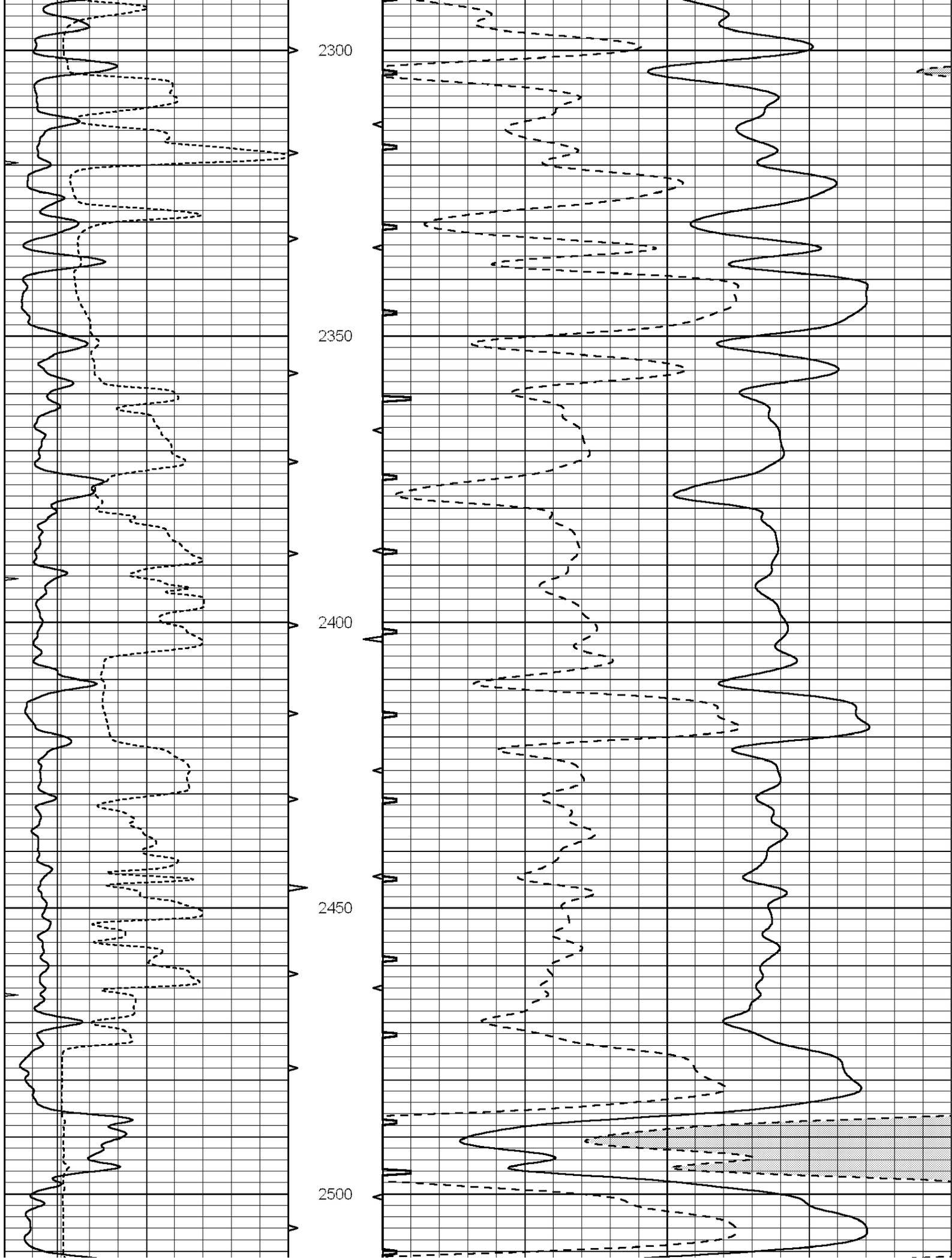


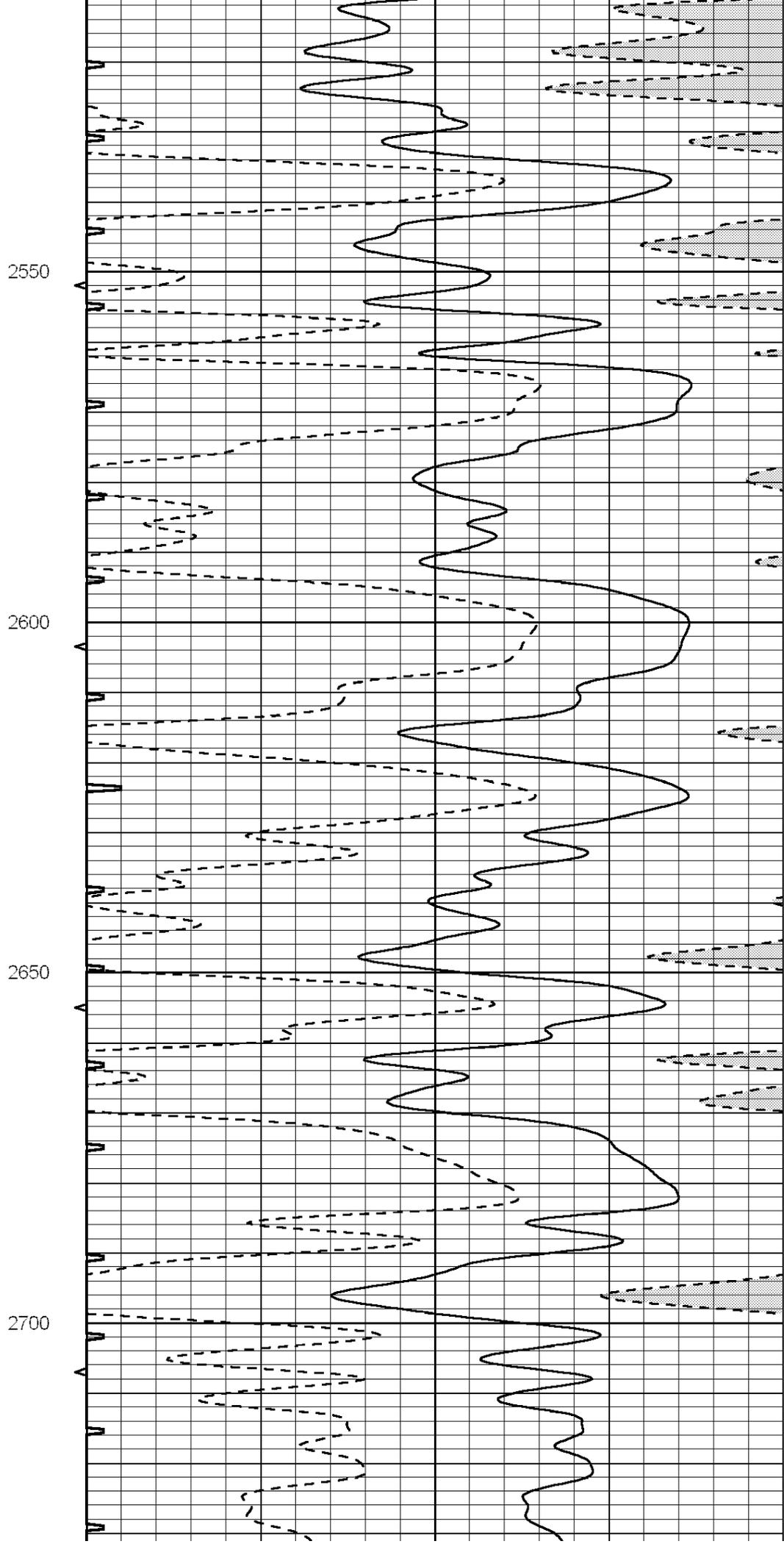
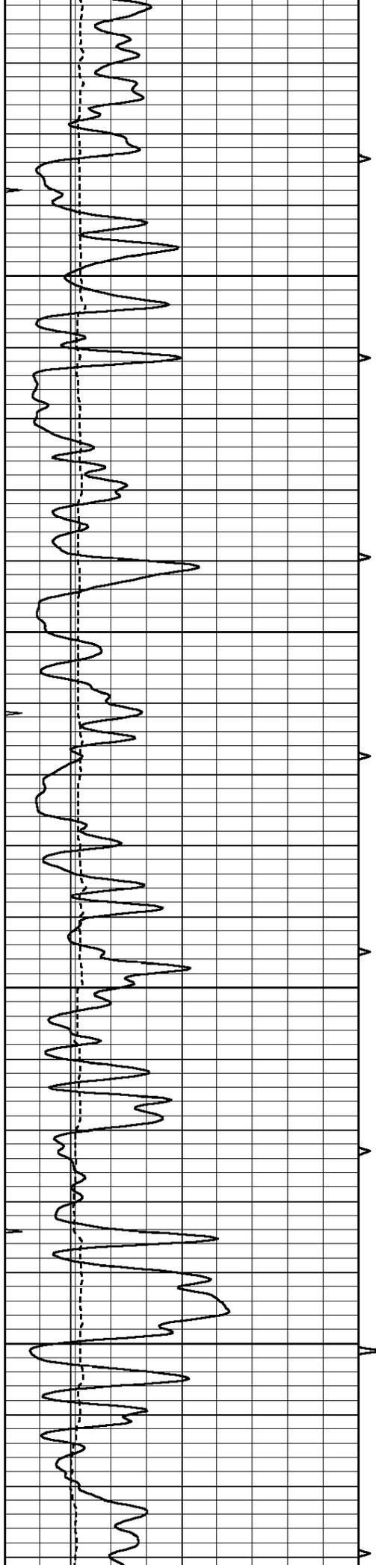


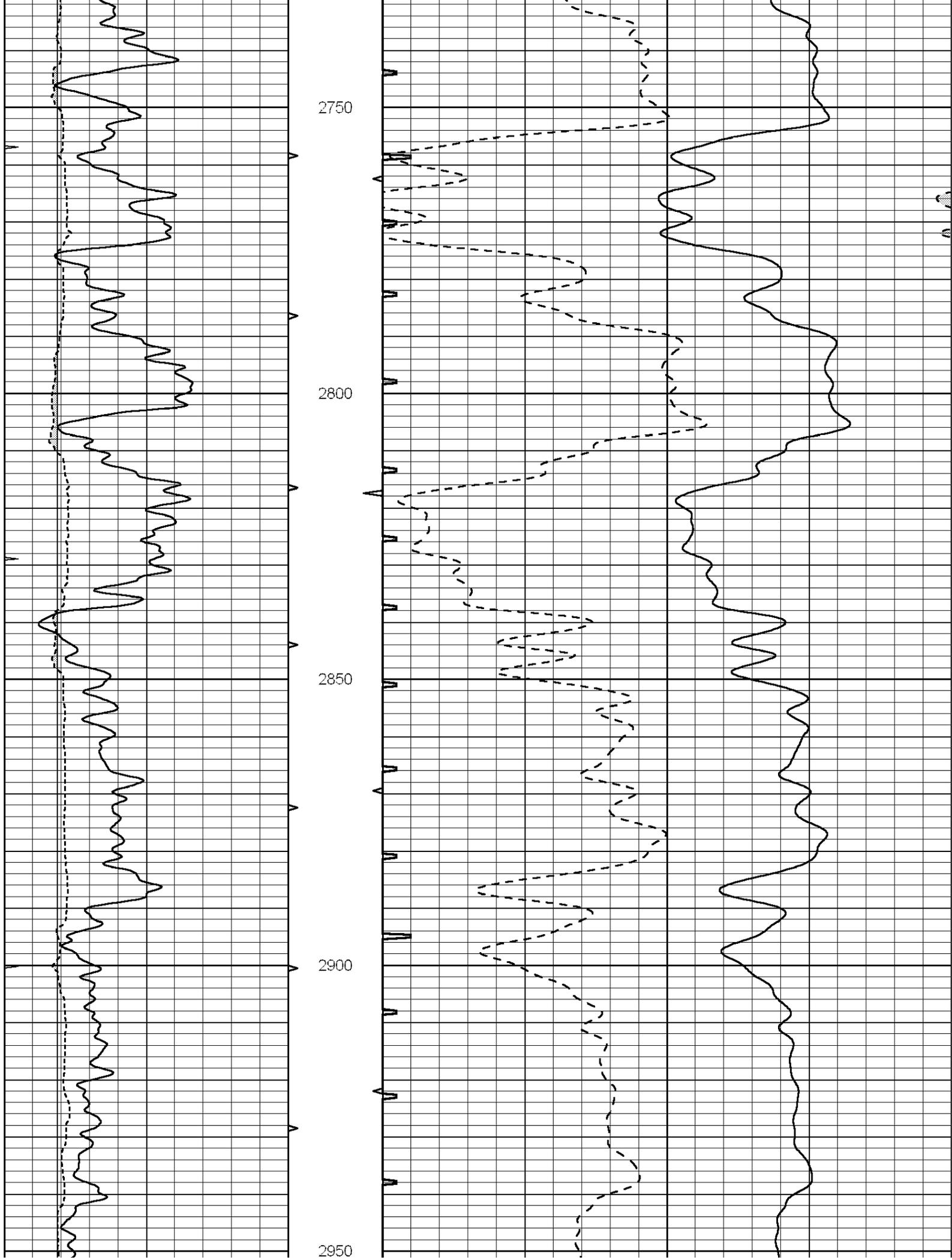


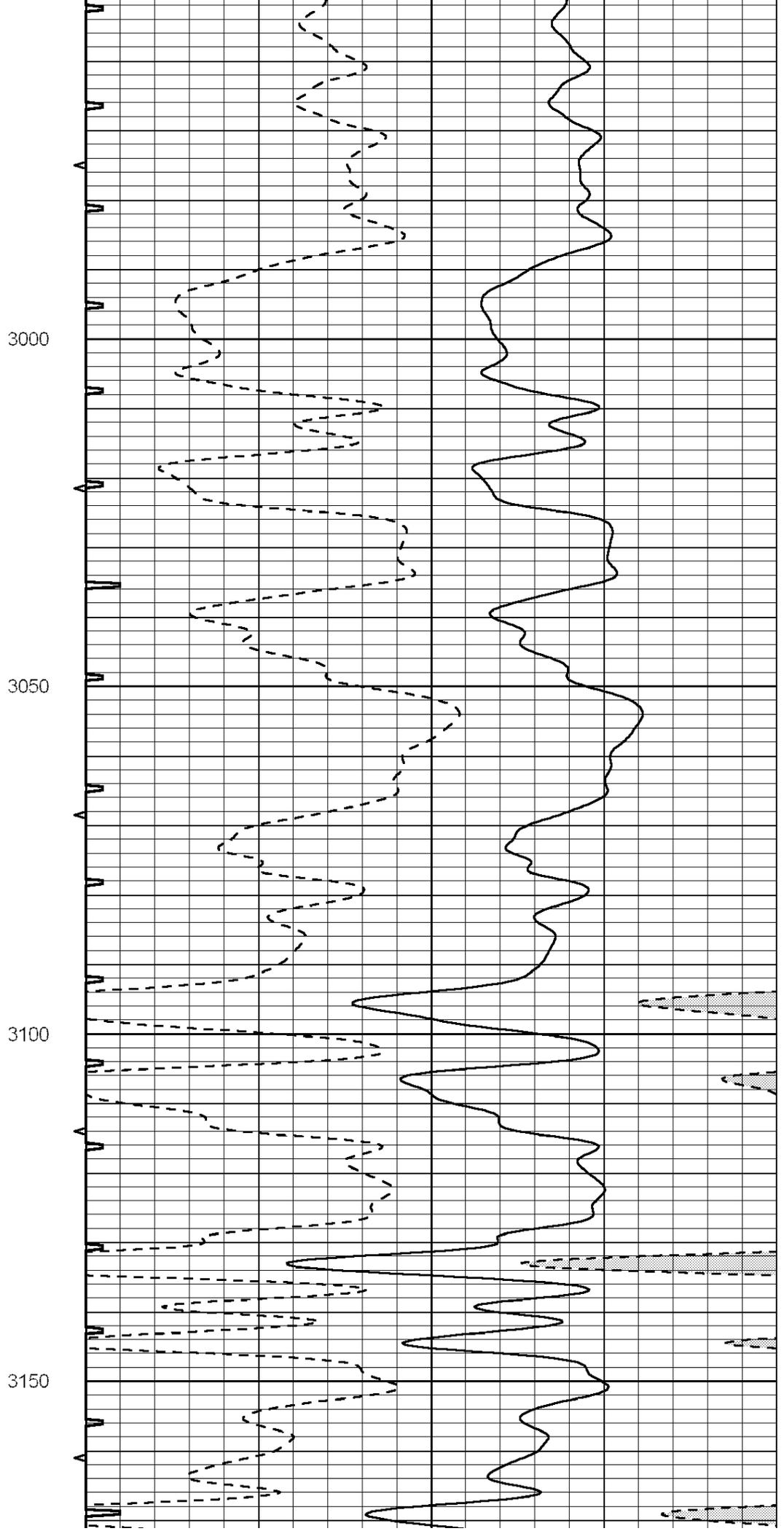
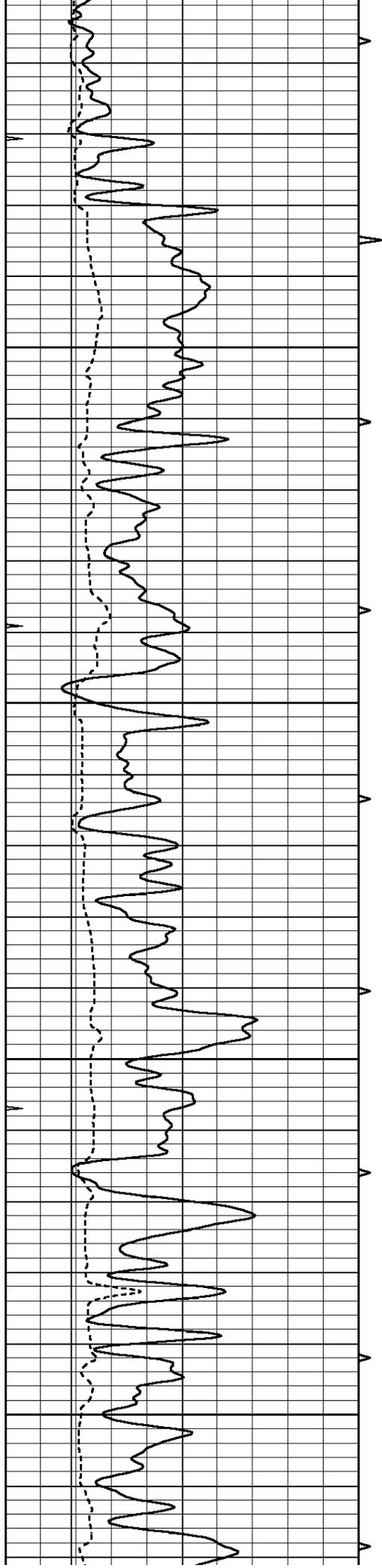


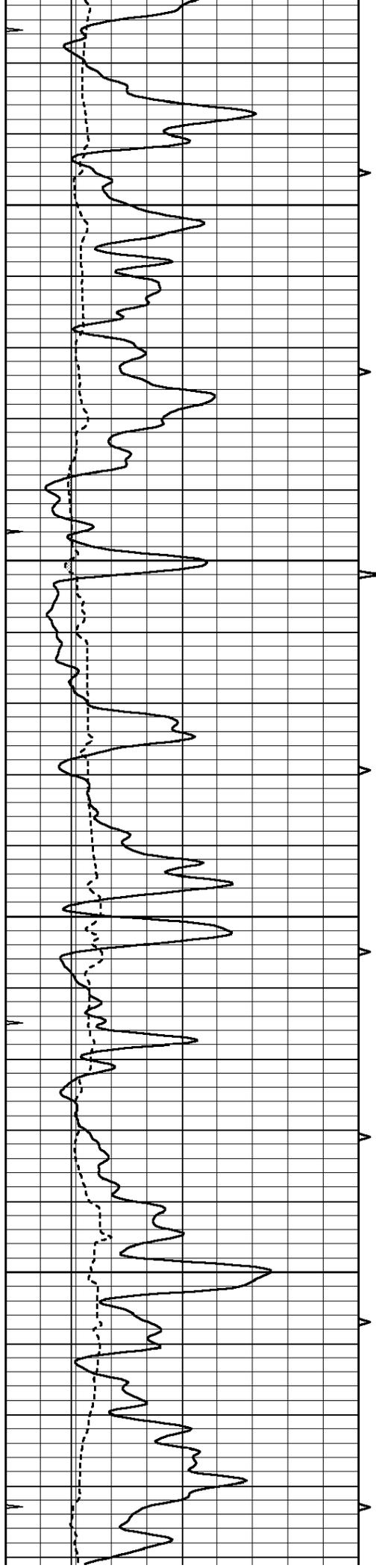










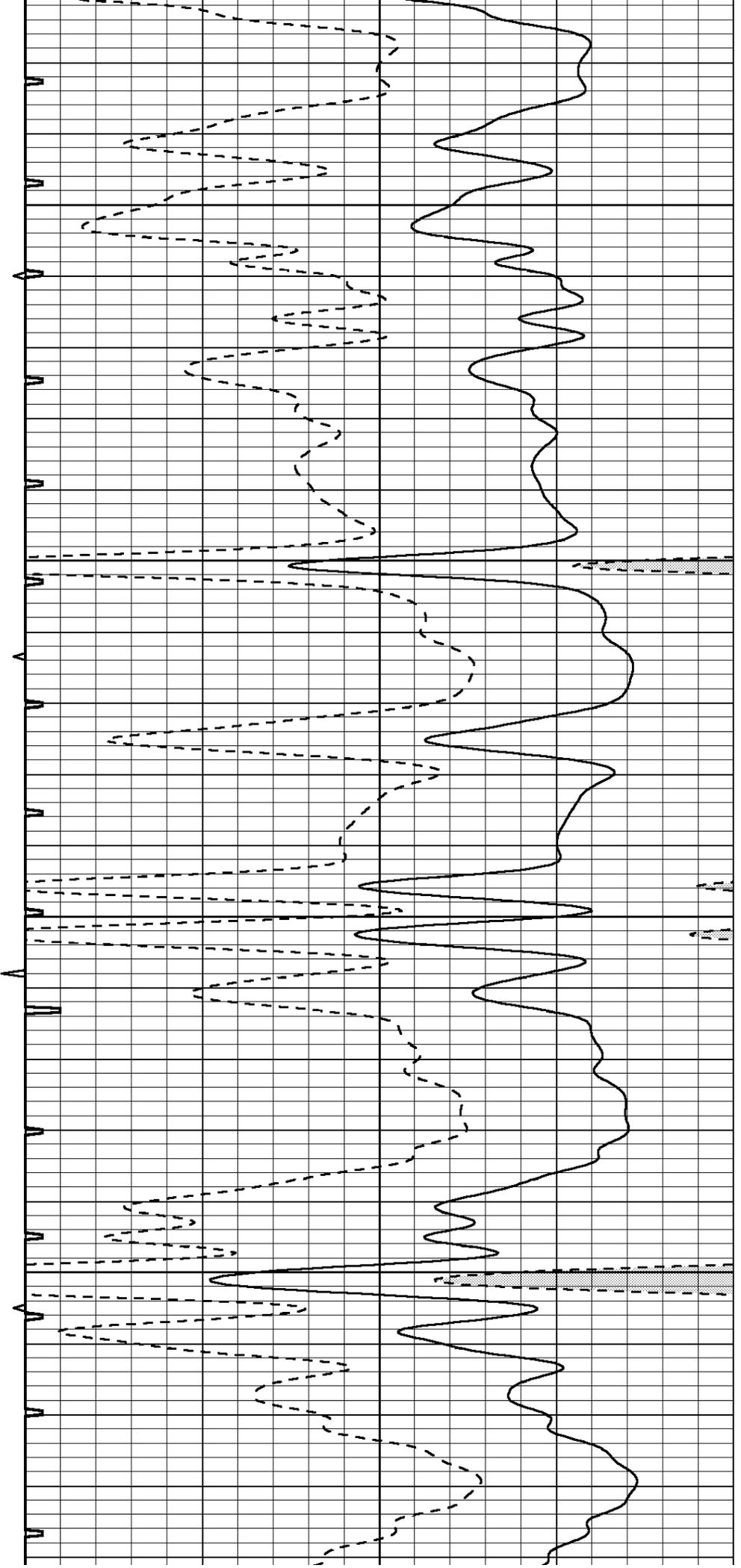


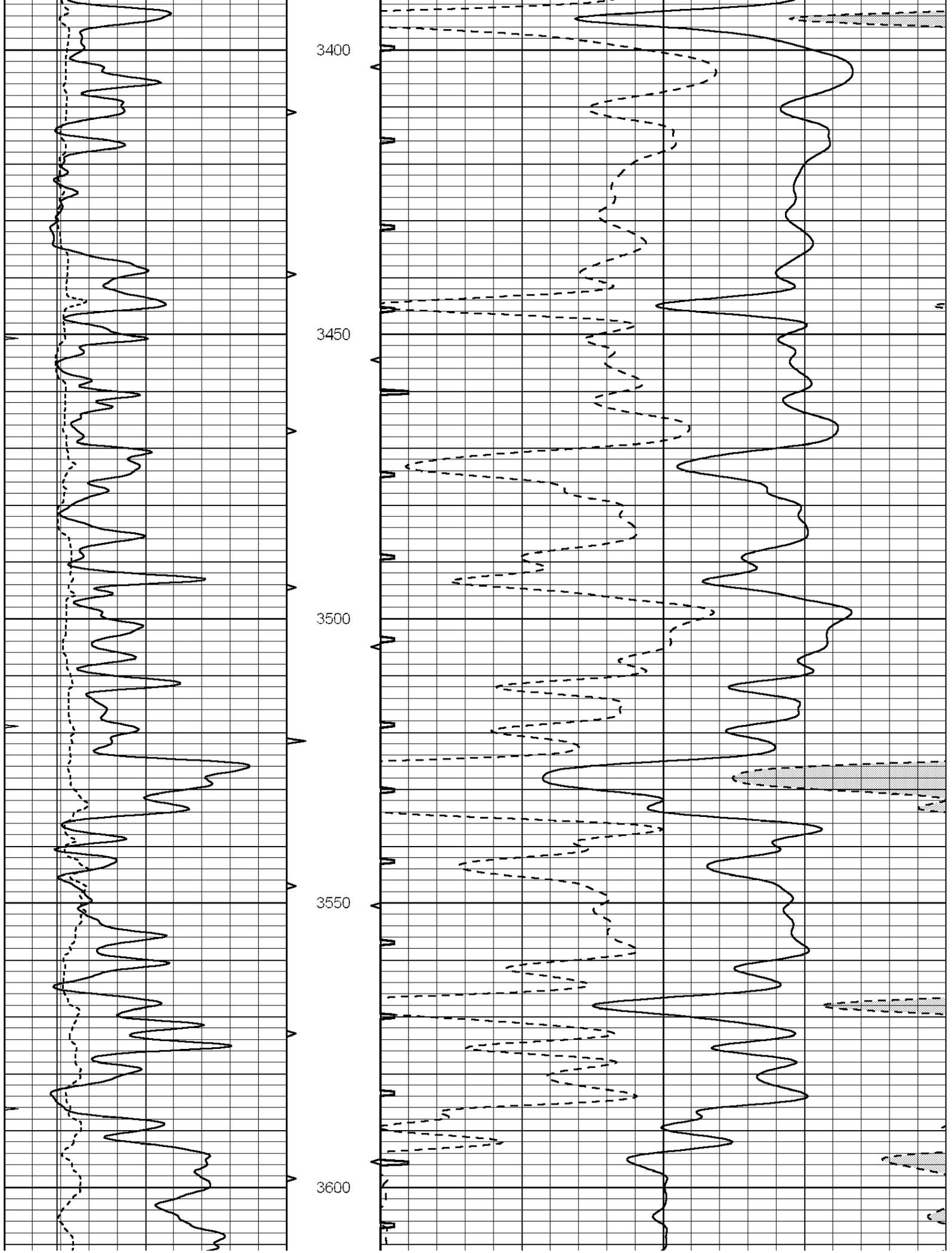
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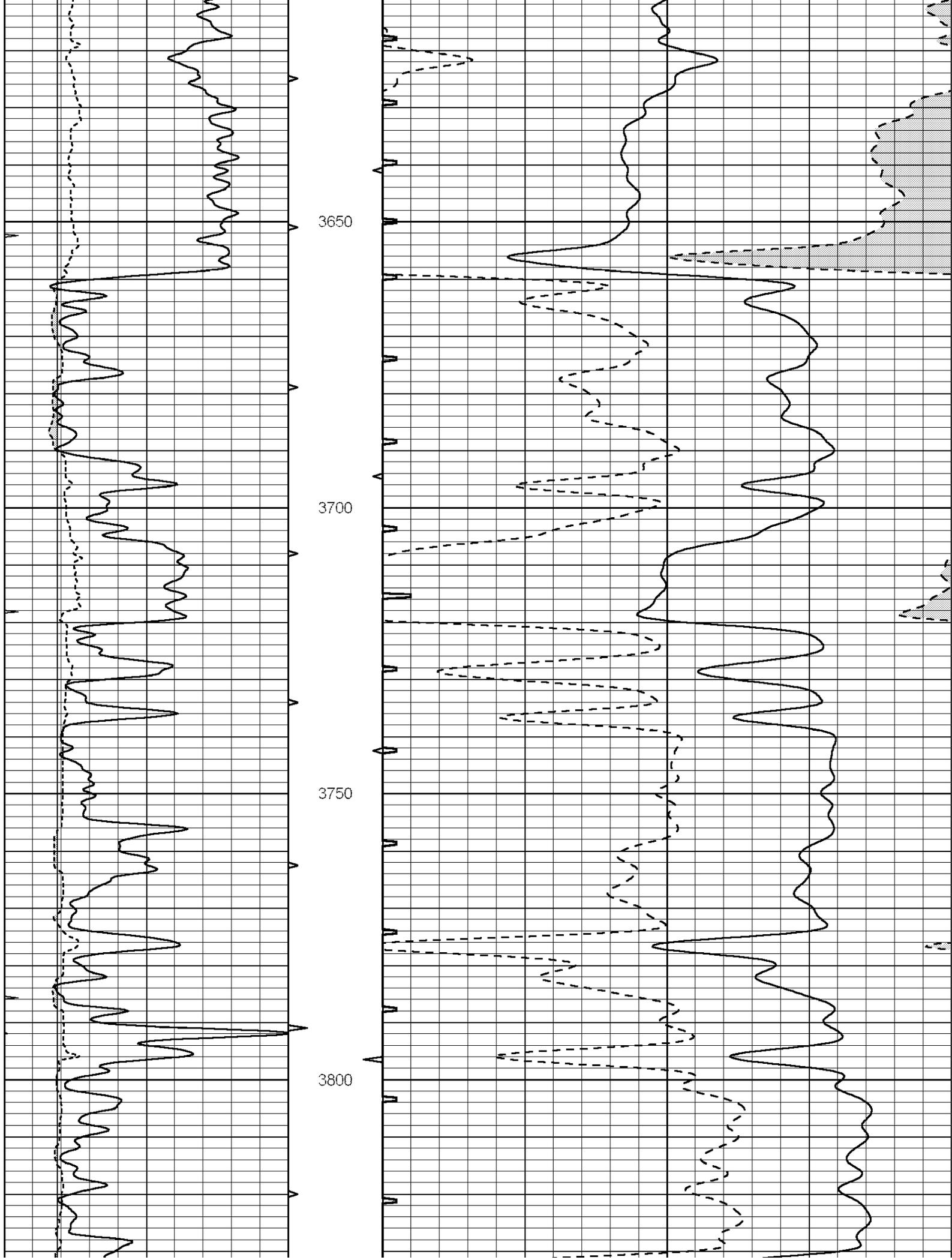
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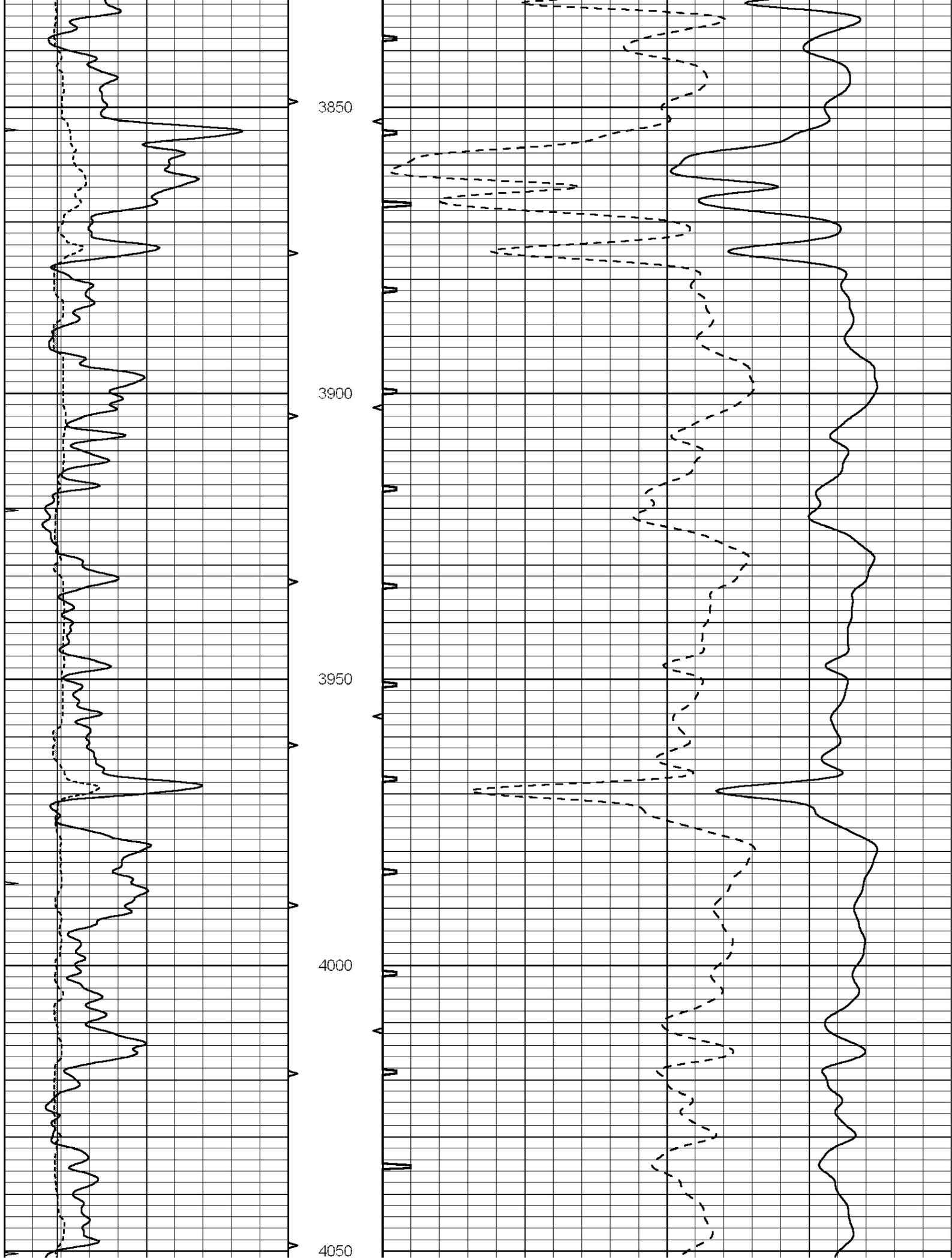
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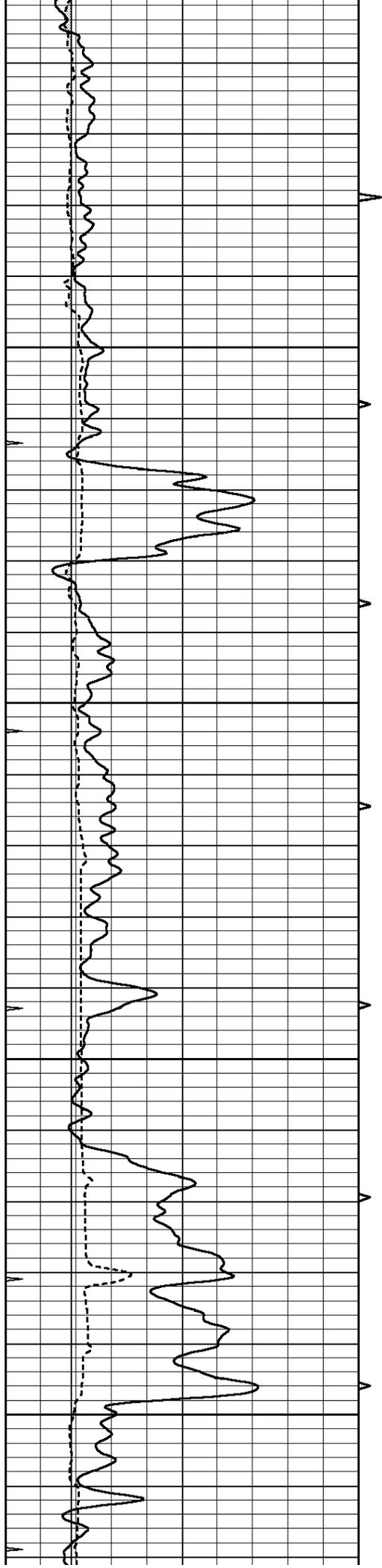
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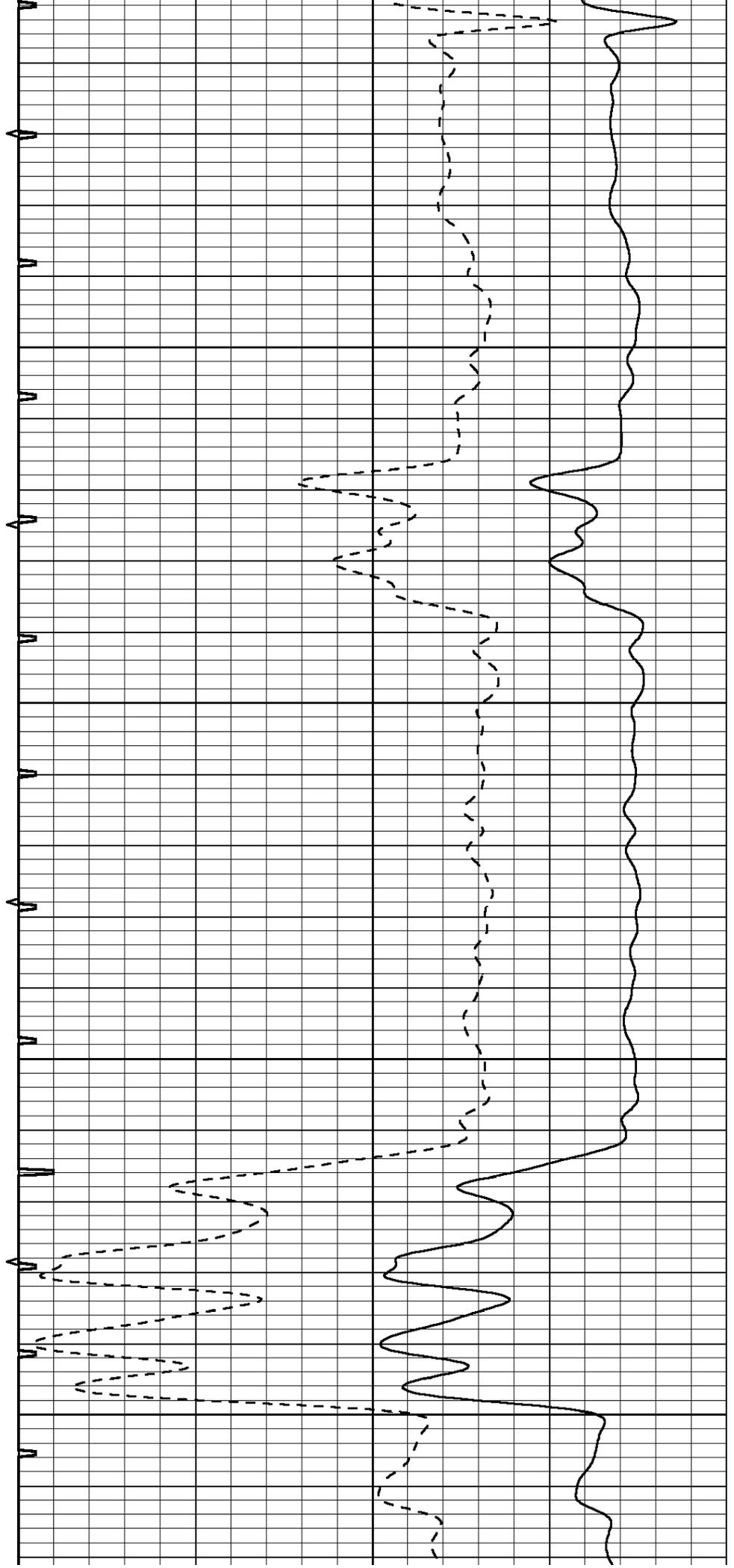


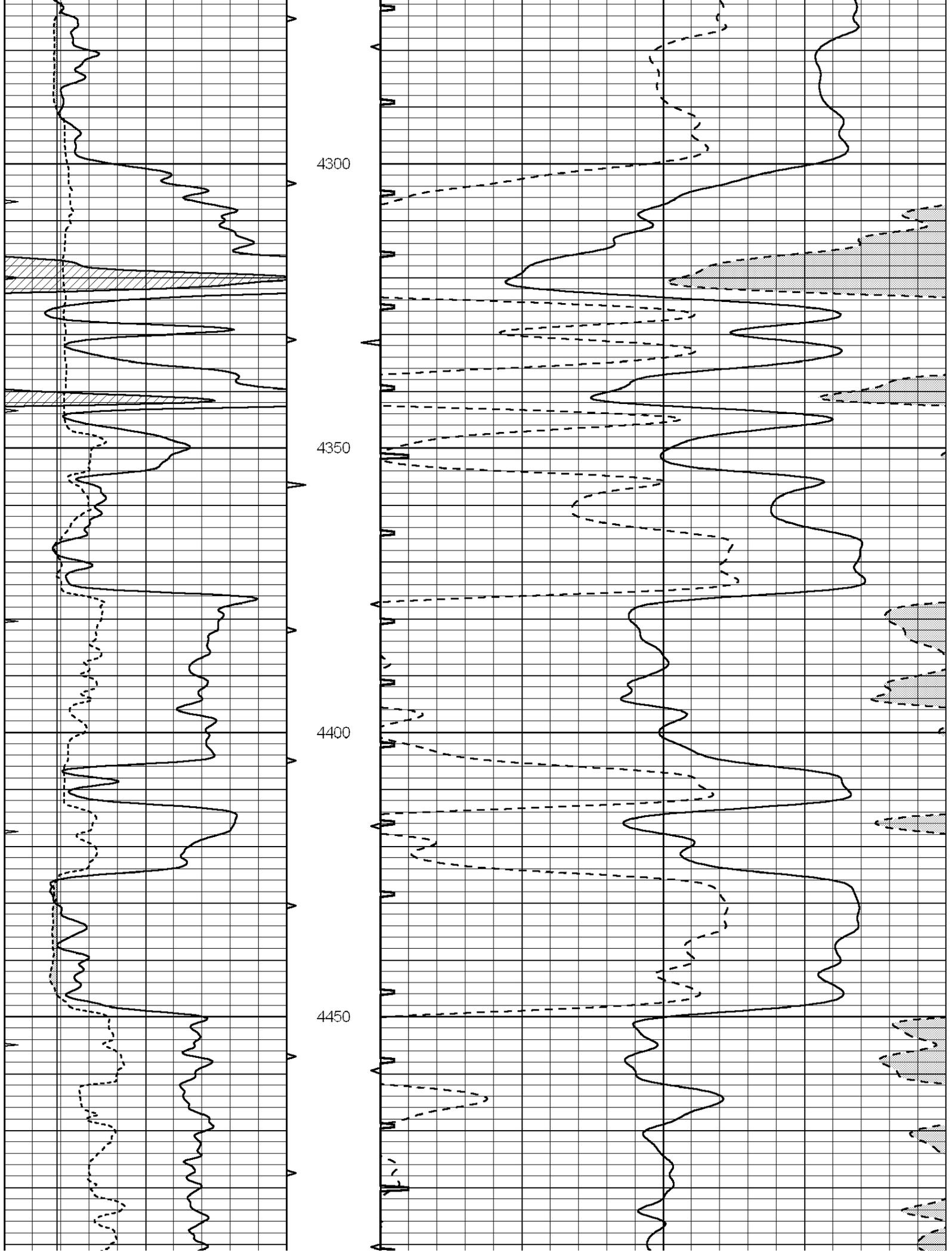
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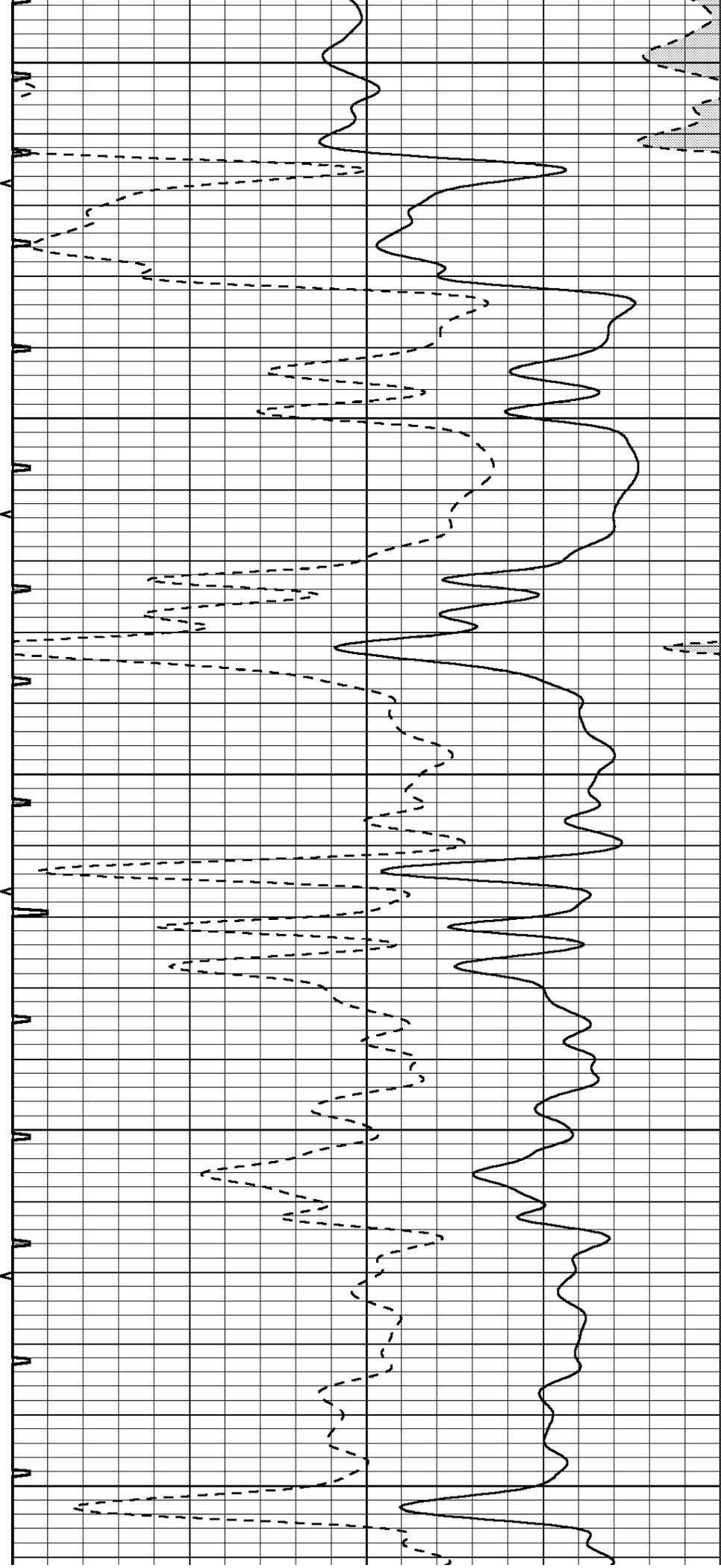
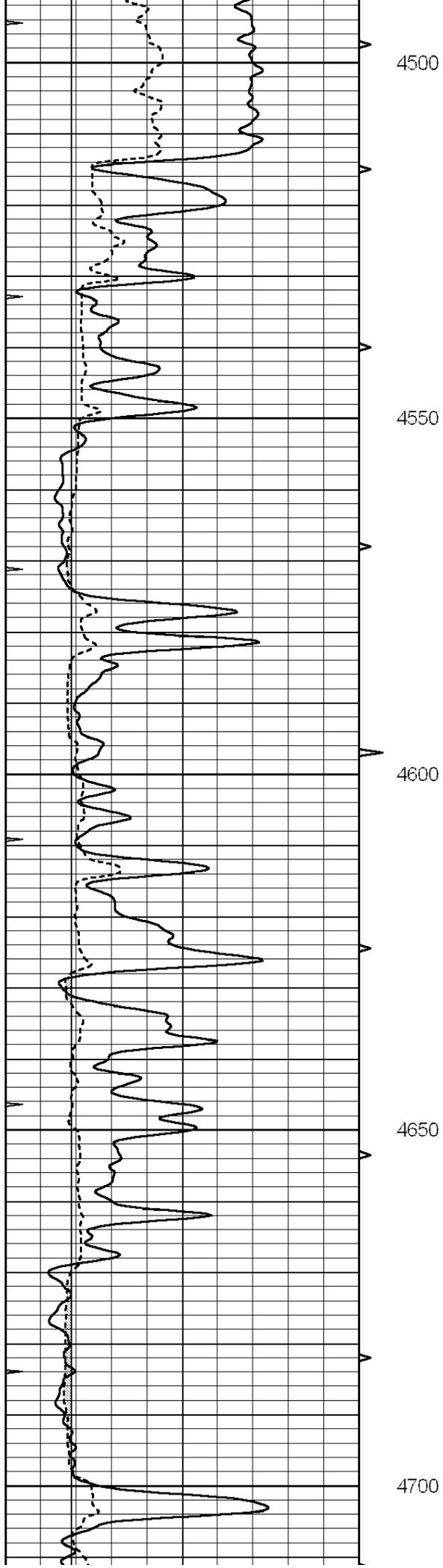
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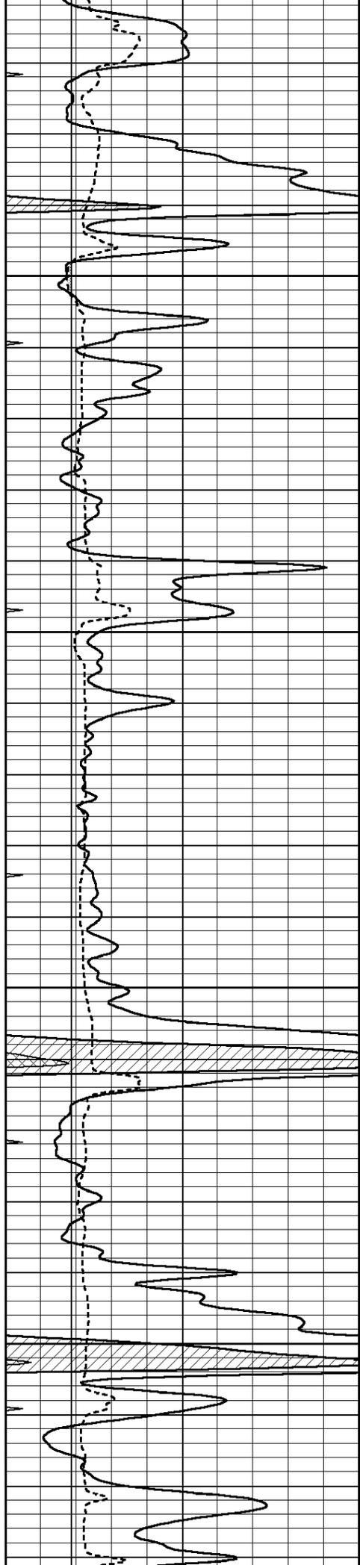
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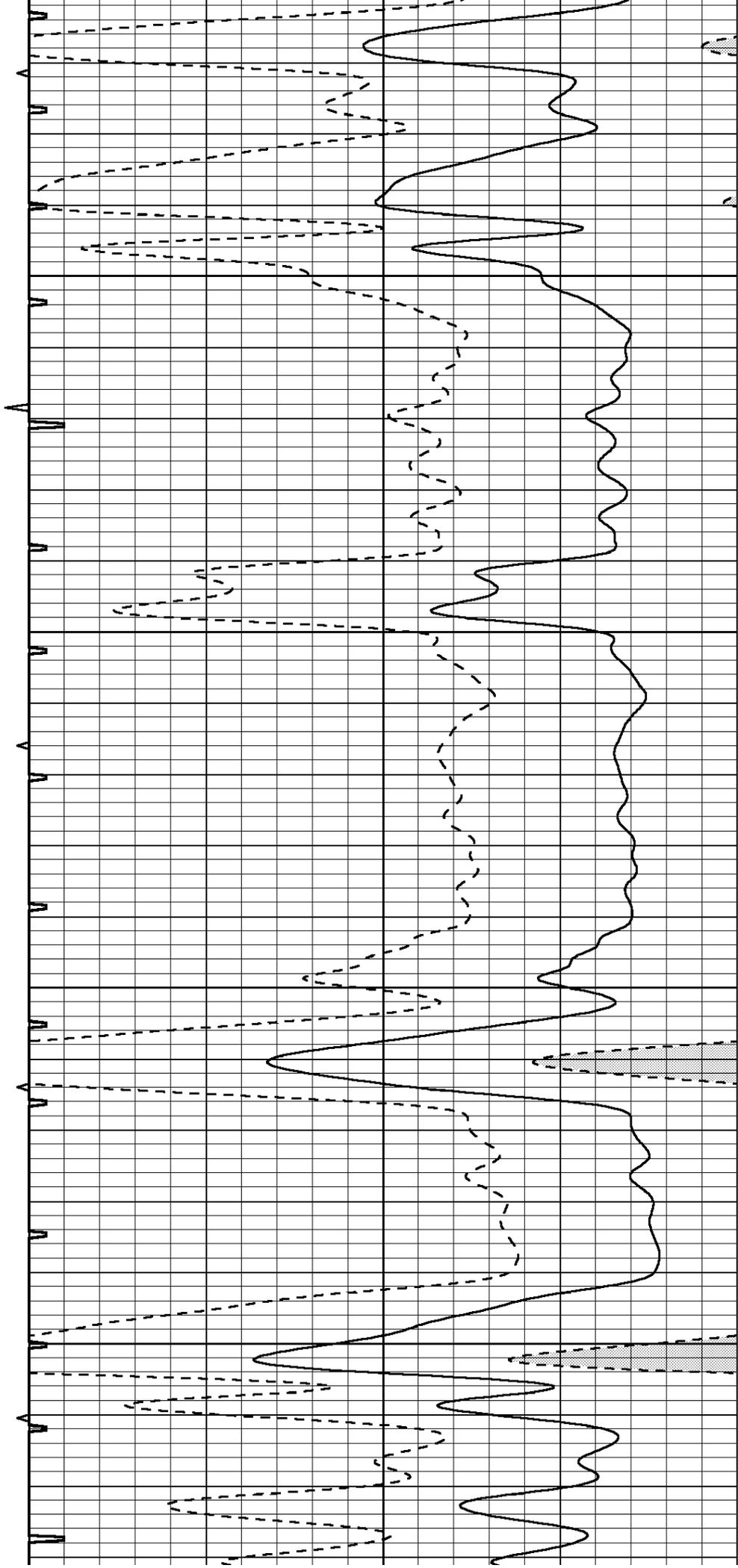


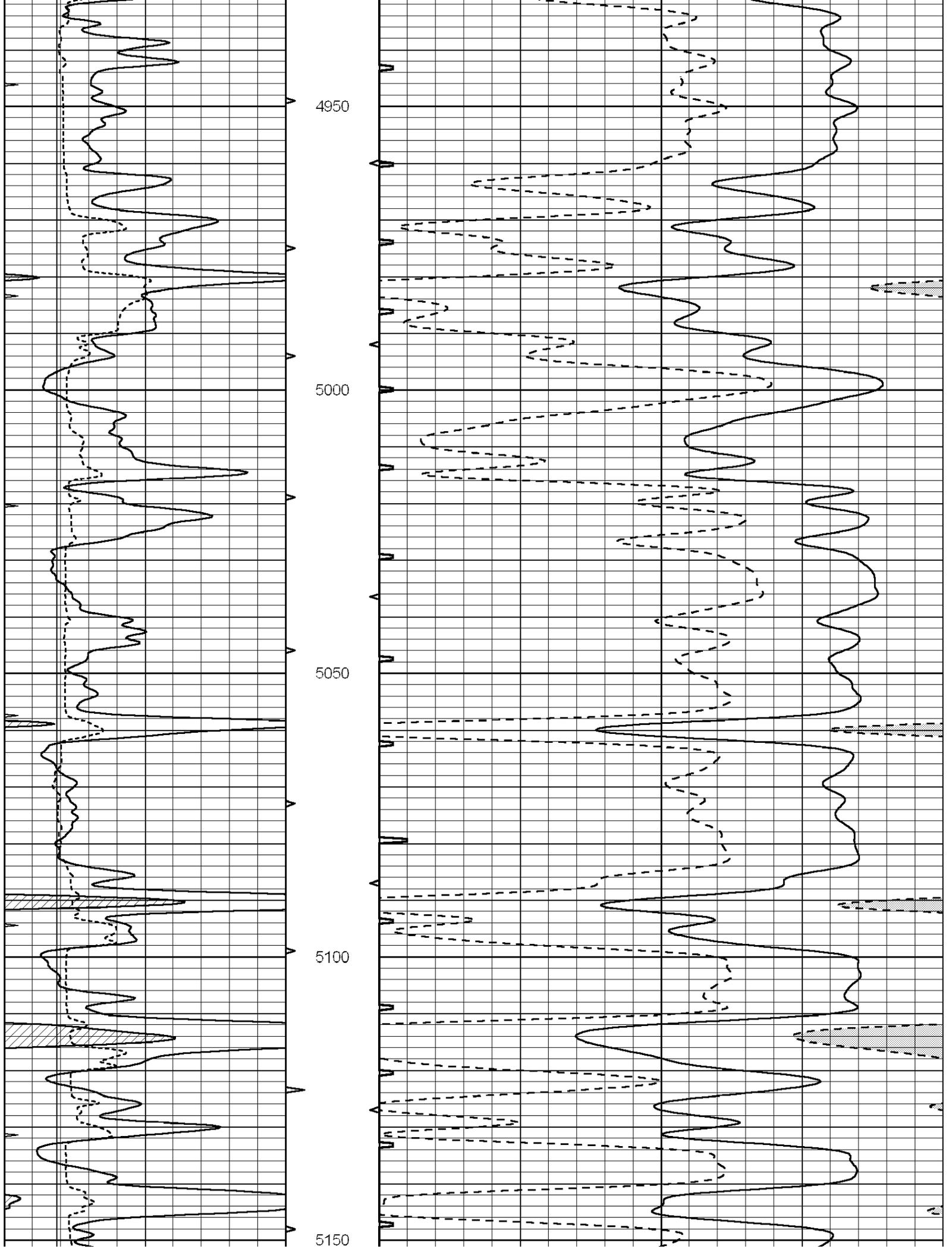
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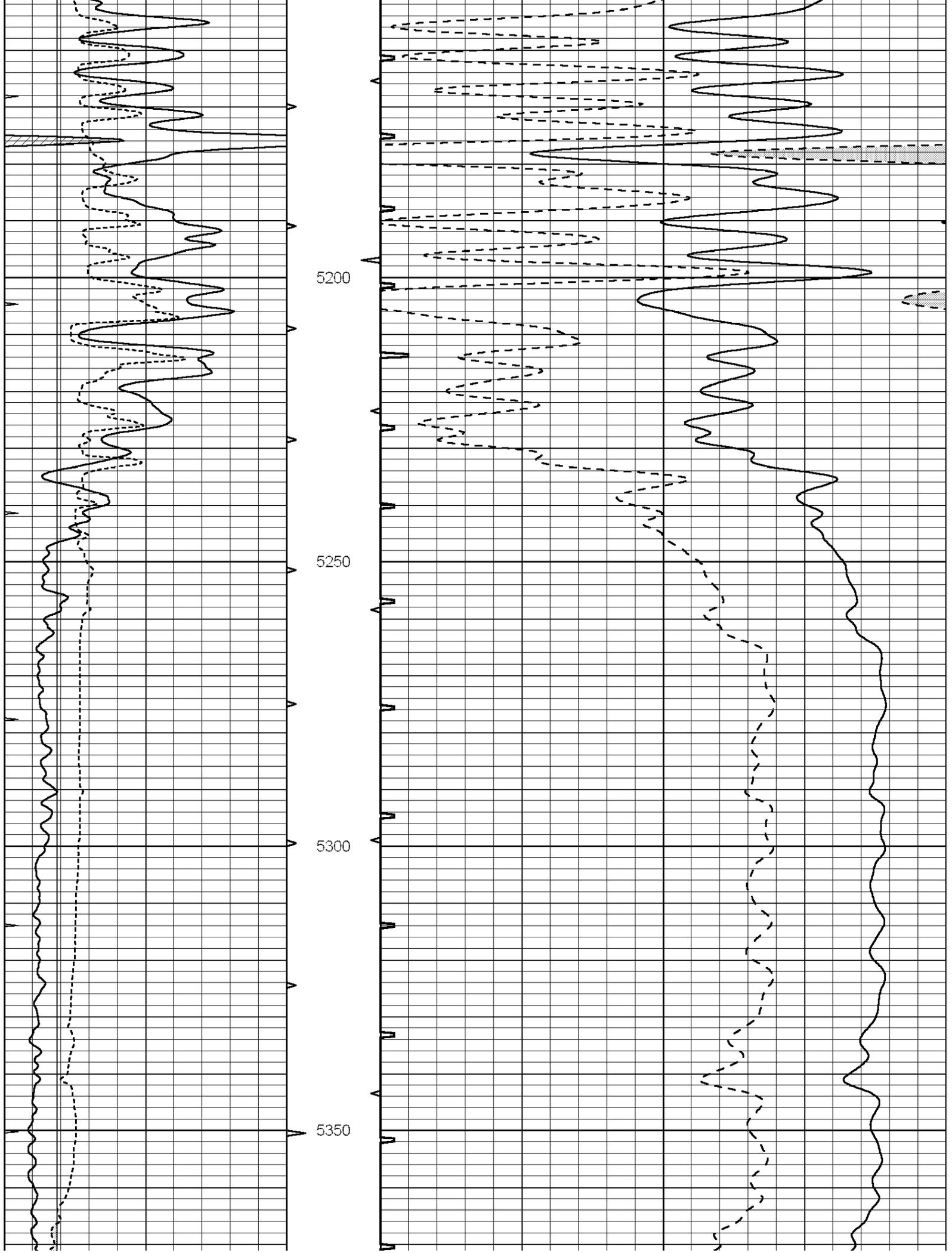
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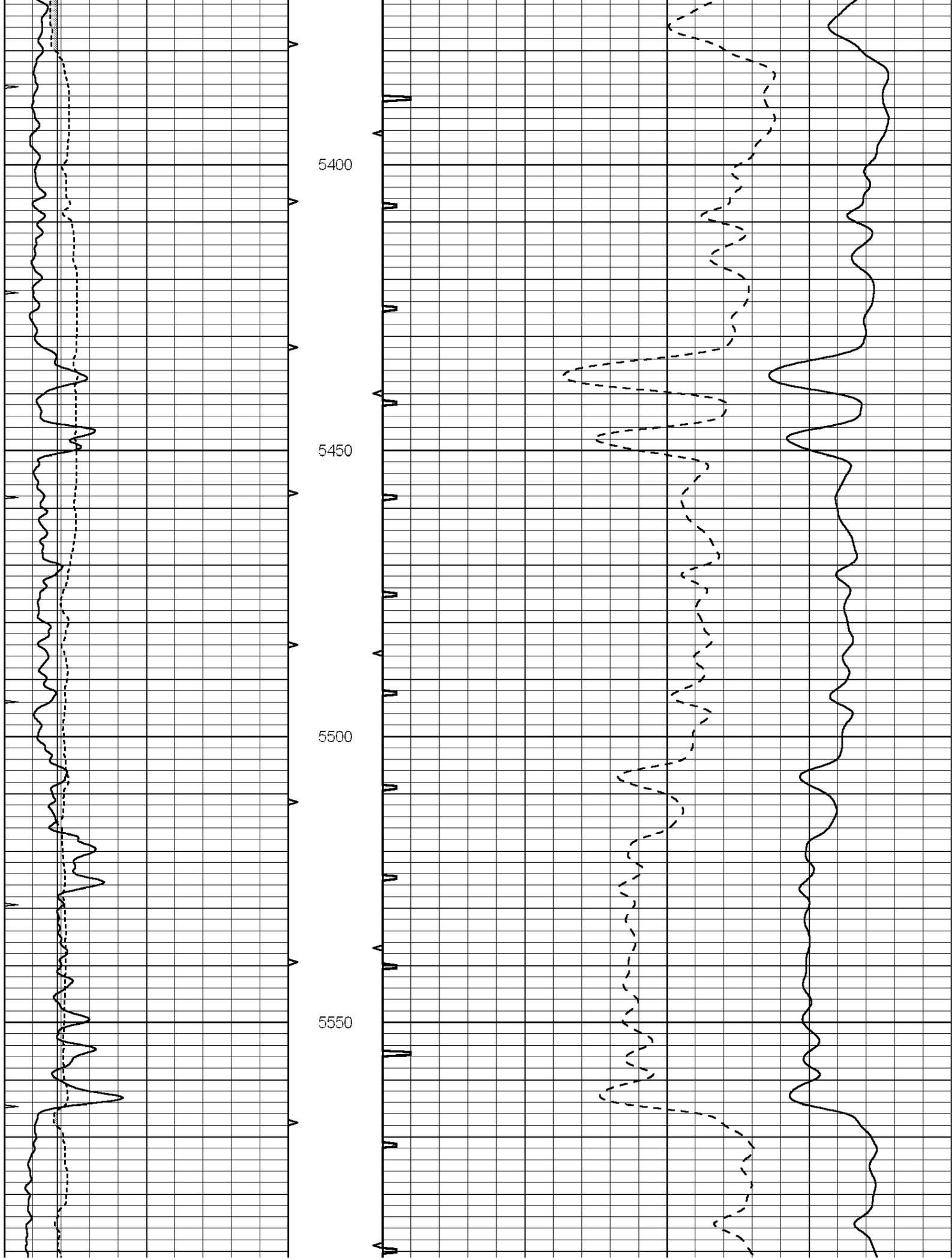
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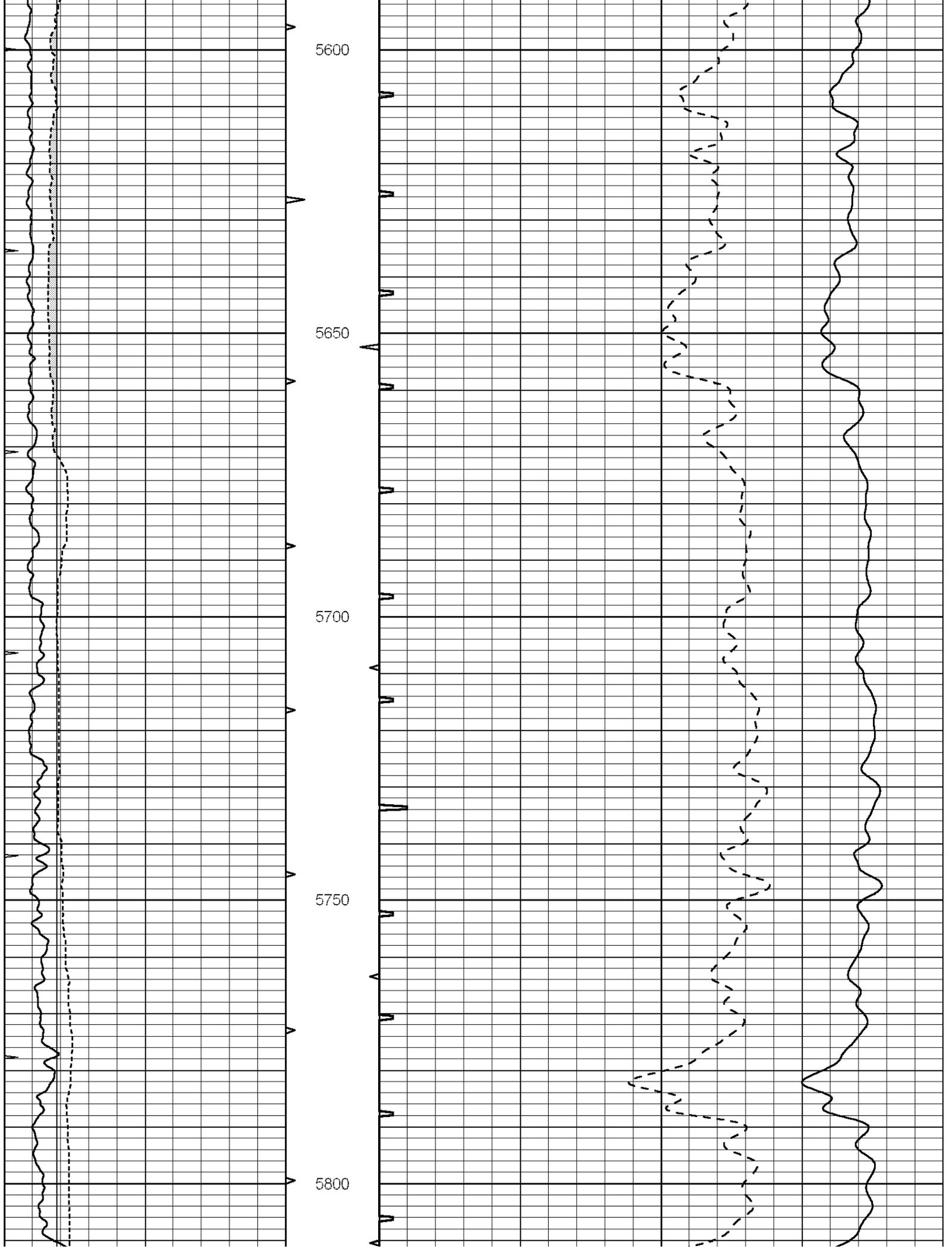
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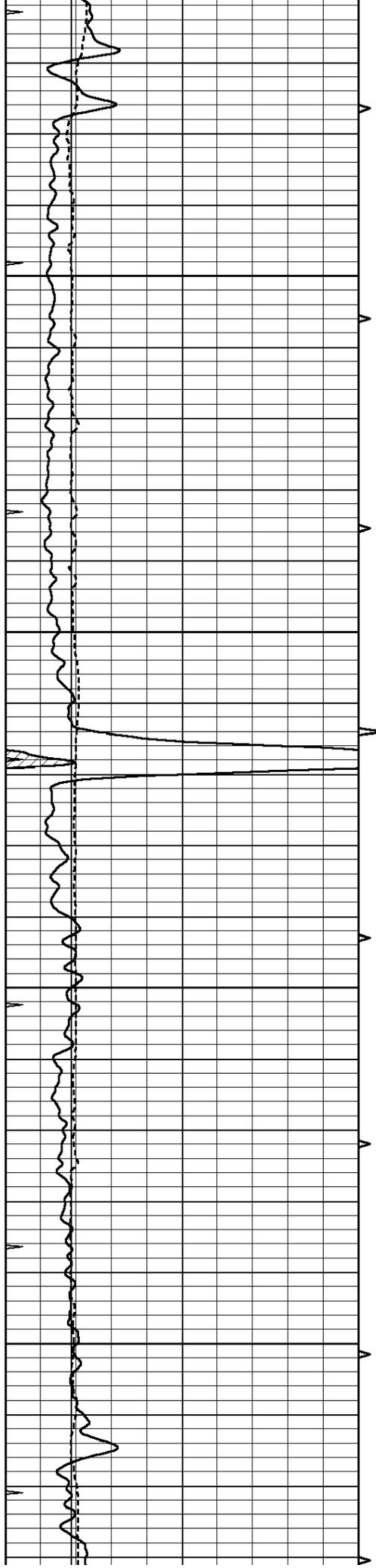










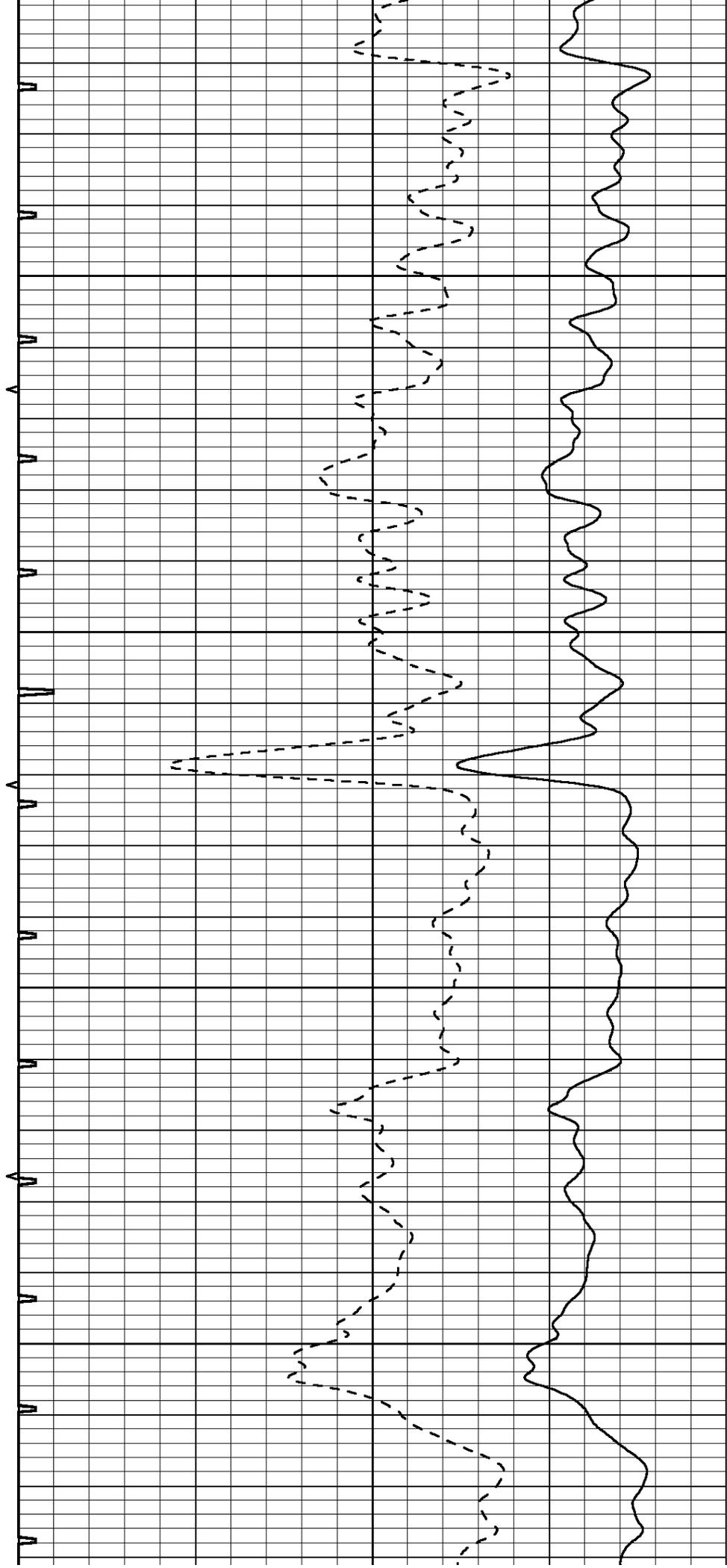


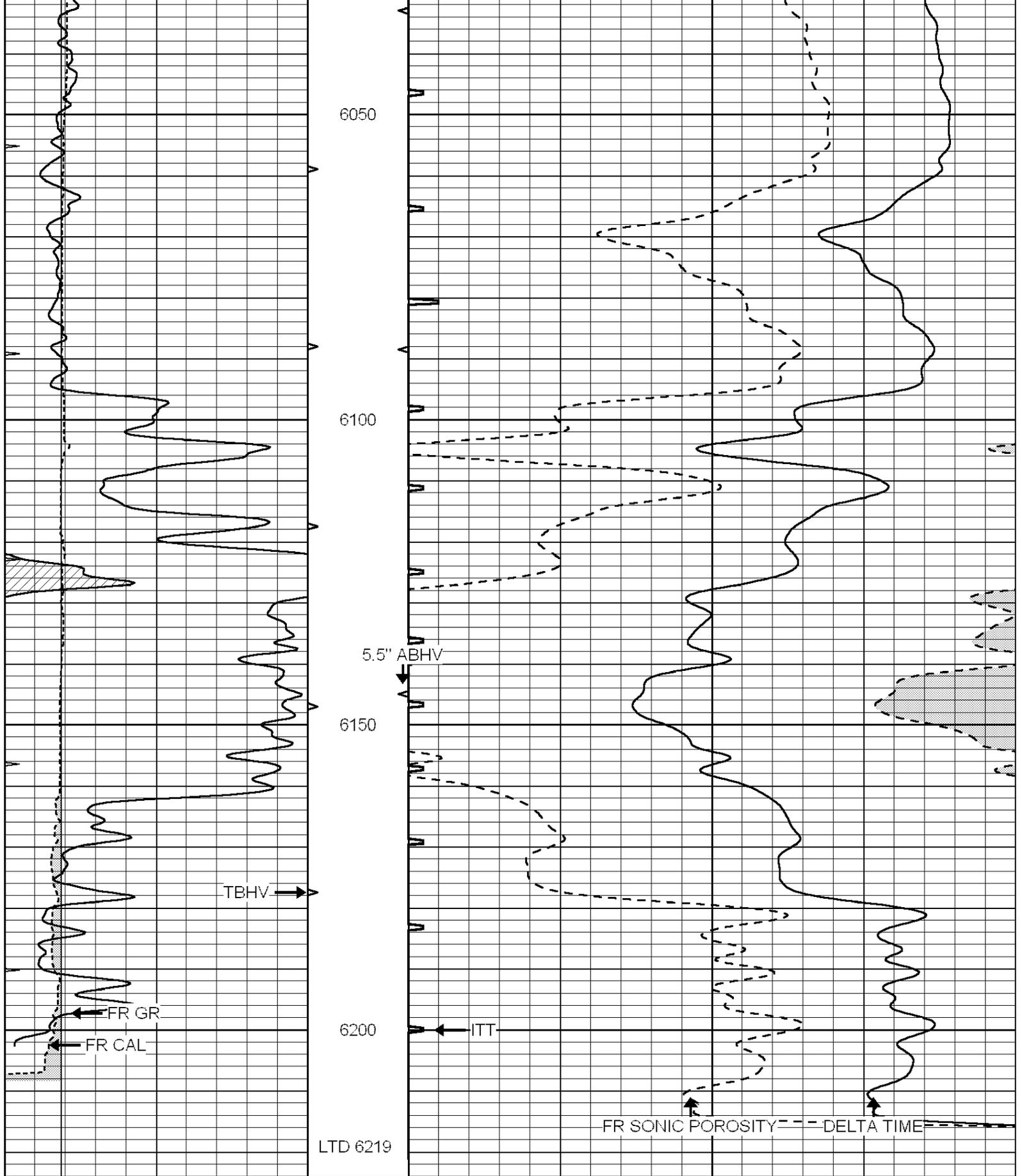
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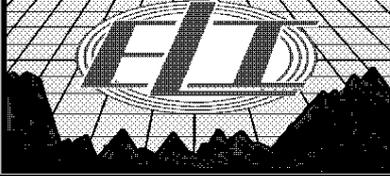
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0	GAMMA RAY (GAPI)	150	ABHV	140	DELTA TIME (usec/ft)	40
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0	MINMK	20	TBHV	0	ITT (msec)	20
			0 (ft3)	10		

LTD 6219



# REPEAT SECTION

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6	CALIPER (in)	16	10 (ft3)	0	30	SONIC POROSITY (pu)	-10
0	MINMK	20	TBHV	0	ITT (msec)	20	
			0 (ft3)	10			

